| pořadové číslo | označení | F max (N) | průhyb při F max (%) | tloušťka ve směru zatížení tang. (mm) | šířka (mm) | délka (mm) | hmotnost m0 (g) |
|---|---|---|---|---|---|---|---|
| 10 | 1-1 | 2485.10 | 6.84 | 20.10 | 20.21 | 300.00 | 65.19 |
| 56 | 1-2 | 1914.27 | 6.67 | 20.18 | 20.29 | 300.00 | 59.59 |
| 15 | 1-3 | 1935.51 | 6.16 | 19.74 | 20.01 | 300.00 | 54.78 |
| 22 | 1-4 | 1576.35 | 6.99 | 19.90 | 20.18 | 300.00 | 50.13 |
| 7 | 2-1 | 1324.91 | 5.72 | 20.04 | 20.12 | 300.00 | 44.39 |
| 11 | 2-2 | 1280.67 | 6.92 | 19.84 | 20.12 | 300.00 | 41.91 |
| 26 | 2-3 | 1055.71 | 7.16 | 19.86 | 20.23 | 300.00 | 39.75 |
| 36 | 2-4 | 1125.83 | 6.93 | 20.29 | 19.90 | 300.00 | 41.28 |
| 3 | 3-1 | 1896.43 | 7.52 | 19.84 | 20.09 | 300.00 | 56.11 |
| 53 | 3-2 | 1650.06 | 7.53 | 19.86 | 20.14 | 300.00 | 55.74 |
| 13 | 3-3 | 1583.00 | 7.47 | 19.84 | 20.15 | 300.00 | 55.09 |
| 12 | 3-4 | 1801.92 | 6.93 | 19.82 | 20.14 | 300.00 | 58.30 |
| 17 | 4-1 | 1807.34 | 6.64 | 19.88 | 19.83 | 300.00 | 54.69 |
| 46 | 4-2 | 1759.52 | 6.66 | 20.03 | 20.28 | 300.00 | 55.14 |
| 43 | 4-3 | 1525.99 | 6.36 | 19.93 | 20.18 | 300.00 | 47.62 |
| 29 | 4-4 | 1613.77 | 6.27 | 19.96 | 20.09 | 300.00 | 49.99 |
| 8 | 5-1 | 1519.79 | 4.82 | 19.97 | 20.14 | 300.00 | 52.42 |
| 33 | 5-2 | 1484.90 | 4.85 | 19.90 | 20.18 | 300.00 | 50.03 |
| 39 | 5-3 | 1501.78 | 5.23 | 19.85 | 20.09 | 300.00 | 50.14 |
| 23 | 5-4 | 1436.03 | 6.82 | 20.08 | 20.29 | 300.00 | 52.27 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 9 | 6-1 | 1473.54 | 5.15 | 19.92 | 20.08 | 300.00 | 48.17 |
| 55 | 6-2 | 1352.45 | 6.31 | 19.93 | 20.19 | 300.00 | 44.21 |
| 14 | 6-3 | 1311.53 | 5.96 | 19.91 | 20.06 | 300.00 | 41.57 |
| 32 | 6-4 | 1116.12 | 6.87 | 20.15 | 20.19 | 300.00 | 40.14 |
| 16 | 7-1 | 1652.68 | 6.98 | 19.97 | 20.11 | 300.00 | 49.74 |
| 28 | 7-2 | 1492.33 | 7.19 | 19.81 | 20.01 | 300.00 | 47.54 |
| 42 | 7-3 | 1176.80 | 5.32 | 19.85 | 20.17 | 300.00 | 44.15 |
| 37 | 7-4 | 1041.46 | 5.65 | 19.91 | 20.14 | 300.00 | 40.88 |
| 4 | 8-1 | 1384.45 | 5.03 | 19.99 | 20.09 | 300.00 | 46.01 |
| 52 | 8-2 | 1313.89 | 5.00 | 20.03 | 20.22 | 300.00 | 45.12 |
| 40 | 8-3 | 1416.36 | 5.75 | 19.90 | 20.08 | 300.00 | 44.04 |
| 30 | 8-4 | 1163.86 | 6.54 | 19.84 | 20.27 | 300.00 | 47.79 |
| 5 | 9-1 | 1759.96 | 5.84 | 19.89 | 20.03 | 300.00 | 53.27 |
| 38 | 9-2 | 1592.18 | 6.73 | 19.81 | 20.14 | 300.00 | 49.40 |
| 44 | 9-3 | 1391.88 | 6.65 | 20.02 | 20.25 | 300.00 | 45.39 |
| 41 | 9-4 | 1180.91 | 4.51 | 19.98 | 20.09 | 300.00 | 41.70 |
| 6 | 10-1 | 1353.15 | 4.51 | 19.97 | 20.10 | 300.00 | 48.70 |
| 18 | 10-2 | 1449.32 | 7.02 | 19.81 | 20.09 | 300.00 | 46.90 |
| 48 | 10-3 | 1320.01 | 6.21 | 19.86 | 20.08 | 300.00 | 46.91 |
| 27 | 10-4 | 1178.37 | 6.94 | 19.93 | 20.05 | 300.00 | 45.27 |
| 50 | 11-1 | 1706.27 | 6.88 | 20.29 | 20.33 | 300.00 | 54.79 |
| 49 | 11-2 | 1613.34 | 6.96 | 19.90 | 20.12 | 300.00 | 50.62 |
| 1 | 11-3 | 1670.86 | 7.36 | 19.76 | 20.06 | 300.00 | 50.82 |
| 2 | 11-4 | 1612.55 | 6.05 | 19.73 | 20.04 | 300.00 | 48.93 |
| 19 | 12-1 | 1564.99 | 6.54 | 20.06 | 20.30 | 300.00 | 50.36 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 31 | 12-2 | 1574.08 | 7.17 | 20.00 | 20.22 | 300.00 | 50.23 |
| 51 | 12-3 | 1507.63 | 5.81 | 19.99 | 20.13 | 300.00 | 51.50 |
| 54 | 12-4 | 1162.38 | 4.49 | 20.05 | 20.23 | 300.00 | 48.79 |
| 34 | 13-1 | 1752.52 | 6.43 | 20.17 | 20.36 | 300.00 | 56.20 |
| 20 | 13-2 | 1910.25 | 6.93 | 19.99 | 20.44 | 300.00 | 56.19 |
| 24 | 13-3 | 1684.85 | 5.00 | 19.86 | 20.08 | 300.00 | 56.36 |
| 58 | 13-4 | 1779.28 | 6.51 | 20.06 | 20.20 | 300.00 | 55.95 |
| 21 | 14-1 | 1679.70 | 4.45 | 19.94 | 20.12 | 300.00 | 55.56 |
| 35 | 14-2 | 1446.08 | 4.86 | 19.74 | 20.13 | 300.00 | 48.83 |
| 59 | 14-3 | 1478.26 | 6.02 | 19.76 | 20.15 | 300.00 | 48.70 |
| 25 | 14-4 | 1354.20 | 4.92 | 20.00 | 20.20 | 300.00 | 51.37 |
| 47 | 15-1 | 1447.83 | 5.47 | 19.93 | 20.37 | 300.00 | 49.46 |
| 45 | 15-2 | 1439.88 | 5.42 | 19.98 | 20.23 | 300.00 | 46.55 |
| 57 | 15-3 | 1429.73 | 5.85 | 19.97 | 20.19 | 300.00 | 45.33 |
| 60 | 15-4 | 873.25 | 3.40 | 20.17 | 20.24 | 300.00 | 45.05 |
| 25 | 17-1 | 1335.12 | 6.22 | 20.07 | 20.06 | 300.00 | 45.29 |
| 43 | 17-2 | 1254.85 | 6.23 | 20.01 | 19.98 | 300.00 | 45.16 |
| 57 | 17-3 | 955.98 | 6.52 | 20.02 | 20.06 | 300.00 | 38.98 |
| 71 | 17-4 | 951.69 | 8.29 | 19.96 | 20.09 | 300.00 | 41.24 |
| 29 | 22-1 | 1930.84 | 7.54 | 20.06 | 19.99 | 300.00 | 56.48 |
| 38 | 22-2 | 1496.01 | 7.02 | 20.03 | 20.04 | 300.00 | 49.81 |
| 52 | 22-3 | 992.88 | 5.85 | 19.95 | 19.89 | 300.00 | 36.62 |
| 66 | 22-4 | 989.12 | 6.67 | 19.92 | 19.97 | 300.00 | 36.67 |
| 21 | 25-1 | 1867.62 | 7.44 | 19.80 | 20.03 | 300.00 | 60.07 |
| 34 | 25-2 | 1614.31 | 5.95 | 19.85 | 19.97 | 300.00 | 57.30 |
| 49 | 25-3 | 1505.19 | 5.84 | 19.85 | 20.06 | 300.00 | 57.10 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 63 | 25-4 | 1374.11 | 6.87 | 19.92 | 20.01 | 300.00 | 49.35 |
| 20 | 26-1 | 1473.71 | 4.61 | 20.01 | 20.05 | 300.00 | 51.25 |
| 35 | 26-2 | 1398.42 | 4.91 | 20.02 | 20.00 | 300.00 | 49.47 |
| 48 | 26-3 | 1178.34 | 5.17 | 20.01 | 20.04 | 300.00 | 46.73 |
| 62 | 26-4 | 1082.33 | 5.17 | 19.98 | 19.98 | 300.00 | 40.53 |
| 4 | 37-1 | 1766.14 | 5.83 | 20.09 | 20.02 | 300 | 58.869 |
| 12 | 37-2 | 1682.52 | 6.31 | 19.98 | 20.1 | 300 | 57.685 |
| 20 | 37-3 | 1537.32 | 5.18 | 19.86 | 19.87 | 300 | 52.134 |
| 28 | 37-4 | 1473.55 | 5.13 | 19.74 | 20.08 | 300 | 51.927 |

## OHYB 20x20x300

| hmotnost mw (g) | vlhkost v době zkoušky (%) | hustota při w=0% (kg/m3) | hustota při w (kg/m3) | MOEw (MPa) | MORw (MPa) | MOE12 (MPa) | $MOE_{B\,(R)}$ (Mpa) | MOR12 (MPa) |
|---|---|---|---|---|---|---|---|---|
| 74.90 | 14.90 | 534.96 | 615.00 | 14109.61 | 109.57 | 14530.38 | | 122.26 |
| 69.57 | 16.73 | 485.15 | 566.00 | 11375.49 | 83.40 | 11940.88 | | 99.20 |
| 62.82 | 14.69 | 462.26 | 530.00 | 12230.50 | 89.36 | 12568.42 | | 98.97 |
| 58.22 | 16.13 | 416.13 | 483.00 | 8758.90 | 71.01 | 9136.33 | 12044.00 | 82.74 |
| 51.43 | 15.84 | 367.01 | 425.00 | 7633.59 | 59.03 | 7938.24 | | 68.09 |
| 48.34 | 15.33 | 350.00 | 404.00 | 6658.34 | 58.21 | 6887.46 | | 65.96 |
| 46.03 | 15.79 | 329.81 | 382.00 | 5750.68 | 47.63 | 5977.40 | | 54.86 |
| 47.91 | 16.06 | 340.76 | 395.00 | 5745.13 | 49.47 | 5988.24 | 6697.83 | 57.50 |
| 64.89 | 15.65 | 469.21 | 543.00 | 10833.14 | 86.33 | 11243.20 | | 98.92 |
| 64.81 | 16.26 | 464.53 | 540.00 | 8148.08 | 74.78 | 8511.03 | | 87.54 |
| 63.94 | 16.07 | 459.33 | 533.00 | 8617.27 | 71.85 | 8982.57 | | 83.54 |
| 67.44 | 15.68 | 486.85 | 563.00 | 9510.58 | 81.99 | 9873.46 | 9652.56 | 94.04 |
| 63.07 | 15.33 | 462.42 | 533.00 | 11245.73 | 83.02 | 11632.71 | | 94.07 |
| 64.50 | 16.99 | 452.44 | 529.00 | 10365.59 | 77.85 | 10909.46 | | 93.37 |
| 55.28 | 16.08 | 394.68 | 458.00 | 8684.23 | 68.54 | 9053.56 | | 79.72 |
| 57.73 | 15.46 | 415.58 | 480.00 | 8838.75 | 72.58 | 9155.90 | 10187.91 | 82.64 |
| 60.75 | 15.89 | 434.47 | 504.00 | 8420.86 | 68.12 | 8761.89 | | 78.73 |
| 58.64 | 17.22 | 415.23 | 487.00 | 8678.29 | 66.89 | 9155.99 | | 80.85 |
| 57.94 | 15.57 | 419.06 | 484.00 | 8853.12 | 68.30 | 9181.06 | | 78.06 |
| 64.04 | 22.51 | 427.68 | 524.00 | 7564.34 | 63.19 | 8452.74 | 8887.92 | 89.76 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 55.71 | 15.65 | 401.44 | 464.00 | 8571.36 | 66.58 | 8896.47 | | 76.31 |
| 51.24 | 15.92 | 366.21 | 424.00 | 7137.93 | 60.71 | 7428.85 | | 70.22 |
| 48.03 | 15.55 | 346.91 | 401.00 | 7071.17 | 59.38 | 7331.53 | | 67.81 |
| 46.88 | 16.78 | 328.92 | 384.00 | 6030.09 | 49.01 | 6332.61 | 7497.36 | 58.38 |
| 57.39 | 15.38 | 412.83 | 476.00 | 9480.14 | 74.19 | 9811.67 | | 84.22 |
| 55.24 | 16.18 | 399.79 | 464.00 | 8906.87 | 68.42 | 9295.73 | | 79.87 |
| 51.55 | 16.77 | 367.57 | 429.00 | 7060.33 | 53.31 | 7413.98 | | 63.48 |
| 47.69 | 16.67 | 339.79 | 396.00 | 6026.77 | 46.96 | 6322.03 | 8210.85 | 55.73 |
| 53.19 | 15.59 | 381.92 | 441.00 | 8093.68 | 62.08 | 8395.33 | | 71.00 |
| 52.26 | 15.83 | 371.33 | 430.00 | 7287.91 | 58.31 | 7577.97 | | 67.24 |
| 50.87 | 15.53 | 367.33 | 424.00 | 7588.79 | 64.12 | 7866.36 | | 73.17 |
| 54.90 | 14.89 | 396.10 | 455.00 | 5785.06 | 52.51 | 5957.27 | 7449.23 | 58.58 |
| 61.55 | 15.55 | 445.69 | 515.00 | 10848.23 | 79.96 | 11247.70 | | 91.32 |
| 57.35 | 16.09 | 412.76 | 479.00 | 8897.80 | 72.52 | 9277.02 | | 84.38 |
| 52.89 | 16.54 | 373.17 | 435.00 | 7655.49 | 61.74 | 8019.64 | | 72.95 |
| 48.23 | 15.65 | 346.28 | 400.00 | 6803.59 | 53.01 | 7061.52 | 8901.47 | 60.76 |
| 55.96 | 14.91 | 404.40 | 465.00 | 8387.25 | 60.77 | 8638.84 | | 67.85 |
| 53.73 | 14.57 | 392.77 | 450.00 | 7856.36 | 66.18 | 8063.31 | | 72.97 |
| 54.61 | 16.41 | 392.10 | 456.00 | 7216.48 | 60.00 | 7549.42 | | 70.58 |
| 52.10 | 15.09 | 377.59 | 435.00 | 6059.84 | 53.27 | 6253.13 | 7626.18 | 59.86 |
| 64.31 | 17.37 | 442.78 | 520.00 | 10048.58 | 73.39 | 10619.07 | | 89.16 |
| 59.06 | 16.68 | 421.40 | 492.00 | 9472.64 | 72.89 | 9937.33 | | 86.52 |
| 58.89 | 15.87 | 427.39 | 495.00 | 9939.22 | 76.80 | 10339.86 | | 88.70 |
| 56.23 | 14.93 | 412.47 | 474.00 | 9807.77 | 74.42 | 10103.67 | 10249.98 | 83.14 |
| 58.57 | 16.31 | 412.19 | 479.00 | 8673.69 | 68.97 | 9064.57 | | 80.87 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 58.51 | 16.48 | 414.05 | 482.00 | 8219.47 | 70.06 | 8604.90 | | 82.61 |
| 59.68 | 15.88 | 426.62 | 494.00 | 8187.01 | 67.47 | 8517.60 | | 77.94 |
| 56.76 | 16.33 | 400.97 | 466.00 | 6987.15 | 51.45 | 7303.14 | 8372.55 | 60.35 |
| 65.72 | 16.94 | 456.16 | 533.00 | 10077.57 | 76.17 | 10600.89 | | 91.21 |
| 65.42 | 16.41 | 458.43 | 534.00 | 10042.60 | 84.19 | 10506.02 | | 99.04 |
| 65.76 | 16.69 | 471.07 | 550.00 | 10625.11 | 76.58 | 11148.16 | | 90.95 |
| 64.82 | 15.85 | 460.23 | 533.00 | 9957.12 | 78.80 | 10356.28 | 10652.84 | 90.95 |
| 64.78 | 16.60 | 461.60 | 538.00 | 10554.12 | 75.59 | 11063.13 | | 89.50 |
| 57.06 | 16.85 | 409.61 | 479.00 | 8577.40 | 66.37 | 9015.02 | | 79.26 |
| 56.32 | 15.63 | 407.74 | 471.00 | 7965.84 | 67.64 | 8265.64 | | 77.45 |
| 60.05 | 16.90 | 423.87 | 495.00 | 7870.91 | 60.34 | 8276.28 | 9155.02 | 72.16 |
| 57.69 | 16.64 | 406.13 | 474.00 | 8680.23 | 64.42 | 9102.47 | | 76.37 |
| 54.21 | 16.46 | 383.87 | 447.00 | 8324.01 | 64.19 | 8712.66 | | 75.64 |
| 52.46 | 15.74 | 374.72 | 434.00 | 7706.72 | 63.92 | 8006.09 | | 73.48 |
| 52.17 | 15.80 | 367.84 | 426.00 | 6190.63 | 38.18 | 6434.88 | 8064.03 | 43.98 |
| 53.25 | 17.55 | 375.01 | 441.00 | 6724.74 | 59.48 | 7120.21 | | 72.69 |
| 53.37 | 18.18 | 376.49 | 445.00 | 6943.97 | 56.47 | 7401.49 | | 70.43 |
| 46.25 | 18.64 | 323.55 | 384.00 | 5061.99 | 42.80 | 5422.00 | | 54.17 |
| 48.86 | 18.47 | 342.83 | 406.00 | 4945.84 | 42.81 | 5288.19 | 6307.97 | 53.90 |
| 65.91 | 16.68 | 469.53 | 548.00 | 10867.58 | 86.41 | 11401.04 | | 102.58 |
| 58.41 | 17.27 | 413.63 | 485.00 | 8880.35 | 66.98 | 9374.58 | | 81.10 |
| 43.01 | 17.45 | 307.63 | 361.00 | 5317.20 | 45.15 | 5623.96 | | 55.00 |
| 42.99 | 17.24 | 307.27 | 360.00 | 5593.57 | 44.94 | 5903.07 | 8075.66 | 54.36 |
| 70.71 | 17.71 | 504.91 | 594.00 | 11895.30 | 85.62 | 12615.00 | | 105.16 |
| 68.12 | 18.88 | 481.86 | 573.00 | 8687.38 | 73.86 | 9328.74 | | 94.17 |
| 68.16 | 19.37 | 477.98 | 571.00 | 7984.39 | 68.56 | 8619.84 | | 88.78 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 58.36 | 18.26 | 412.70 | 488.00 | 7235.02 | 62.30 | 7718.13 | 9570.43 | 77.90 |
| 60.32 | 17.70 | 425.81 | 501.00 | 9243.21 | 66.09 | 9801.46 | | 81.15 |
| 58.74 | 18.74 | 411.84 | 489.00 | 7864.86 | 62.80 | 8433.69 | | 79.74 |
| 55.75 | 19.30 | 388.45 | 463.00 | 6300.54 | 52.87 | 6796.69 | | 68.31 |
| 47.89 | 18.17 | 338.40 | 400.00 | 5703.38 | 48.85 | 6078.46 | 7777.57 | 60.91 |
| 68.141 | **15.75** | 487.89 | 555 | 9087.19 | 78.69 | 9441.26 | | 90.49 |
| 66.832 | **15.86** | 478.80 | 509 | 8479.27 | 75.49 | 8819.42 | | 87.14 |
| 60.308 | **15.68** | 440.38 | 503 | 8640.57 | 70.62 | 8970.58 | | 81.01 |
| 59.858 | **15.27** | 436.68 | 517 | 9020.26 | 67.8 | 9325.52 | 9139.19 | 76.68 |

| $MOR_{B\,(R)}$ (Mpa) | vada / porušení | označení | pořadové číslo | označení | F max (N) |
|---|---|---|---|---|---|
| | | | 88 | 1-1-1 | 21842.35 |
| | | | 39 | 1-1-2 | 22775.46 |
| | | | 46 | 1-2-1 | 20624.13 |
| | | | 16 | 1-2-2 | 20922.11 |
| | V PRACOVNÍM DIAGRAMU KŘ | 1-1 | 37 | 1-3-1 | 18504.21 |
| | x | 1-2 | 10 | 1-3-2 | 19242.54 |
| | | 1-3 | 79 | 1-4-1 | 17490.46 |
| 100.79 | x | 1-4 | 51 | 1-4-2 | 17072.85 |
| | | | 116 | 2-1-1 | 13996.38 |
| | | | 120 | 2-1-2 | 14321.81 |
| | | | 61 | 2-2-1 | 11586.79 |
| | | | 44 | 2-2-2 | 11911.87 |
| | | 2-1 | 45 | 2-3-1 | 10875.22 |
| | | 2-2 | 62 | 2-3-2 | 10857.81 |
| | | 2-3 | 73 | 2-4-1 | 11719.99 |
| 61.60 | x | 2-4 | 57 | 2-4-2 | 10546.02 |
| | | | 1 | 3-1-1 | 17003.67 |
| | | | 12 | 3-1-2 | 17542.24 |
| | | | 106 | 3-2-1 | 16394.6 |
| | | | 20 | 3-2-2 | 16476.55 |
| | | 3-1 | 98 | 3-3-1 | 17974.46 |
| | | 3-2 | 105 | 3-3-2 | 17514.43 |
| | | 3-3 | 4 | 3-4-1 | 19302.45 |
| 91.01 | | 3-4 | 54 | 3-4-2 | 19334.46 |
| | | | 9 | 4-1-1 | 17210.86 |
| | | | 2 | 4-1-2 | 17419.45 |
| | | | 94 | 4-2-1 | 18110.9 |
| | | | 93 | 4-2-2 | 17530.61 |
| | | 4-1 | 117 | 4-3-1 | 15413.04 |
| | x | 4-2 | 7 | 4-3-2 | 15126.88 |
| | | 4-3 | 72 | 4-4-1 | 16626.8 |
| 87.45 | | 4-4 | 111 | 4-4-2 | 16708.93 |
| | | | 118 | 5-1-1 | 16033.39 |
| | | | 15 | 5-1-2 | 16309.41 |
| | | | 75 | 5-2-1 | 14921.35 |
| | | | 11 | 5-2-2 | 15078.95 |
| | | 5-1 | 81 | 5-3-1 | 15692.91 |
| | x | 5-2 | 60 | 5-3-2 | 15909.29 |
| | | 5-3 | 43 | 5-4-1 | 15073.7 |
| 81.85 | x | 5-4 | 55 | 5-4-2 | 15638.08 |
| | | | 28 | 6-1-1 | 15211.1 |
| | | | 27 | 6-1-2 | 15456.33 |
| | | | 18 | 6-2-1 | 14820.59 |

| | | | | | |
|---|---|---|---|---|---|
| | | | 119 | 6-2-2 | 14515.8 |
| | | 6-1 | 59 | 6-3-1 | 12318.91 |
| | | 6-2 | 77 | 6-3-2 | 11911.87 |
| | | 6-3 | 74 | 6-4-1 | 12385.2 |
| 68.18 | x | 6-4 | 89 | 6-4-2 | 11117.74 |
| | | | 108 | 7-1-1 | 15636.41 |
| | | | 110 | 7-1-2 | 16099.16 |
| | | | 30 | 7-2-1 | 15536.54 |
| | | | 83 | 7-2-2 | 16390.75 |
| | | 7-1 | 40 | 7-3-1 | 13062.75 |
| | | 7-2 | 85 | 7-3-2 | 13106.65 |
| | | 7-3 | 52 | 7-4-1 | 10969.41 |
| 70.83 | x | 7-4 | 96 | 7-4-2 | 11278.67 |
| | | | 97 | 8-1-1 | 14603.52 |
| | | | 86 | 8-1-2 | 14300.38 |
| | | | 113 | 8-2-1 | 13314.89 |
| | | | 80 | 8-2-2 | 14568.62 |
| | | 8-1 | 112 | 8-3-1 | 13371.04 |
| | | 8-2 | 99 | 8-3-2 | 13677.33 |
| | | 8-3 | 91 | 8-4-1 | 12212.12 |
| 67.50 | | 8-4 | 90 | 8-4-2 | 10714.47 |
| | | | 24 | 9-1-1 | 16748.46 |
| | | | 29 | 9-1-2 | 16803.56 |
| | | | 87 | 9-2-1 | 16679.8 |
| | | | 76 | 9-2-2 | 17088.68 |
| | | 9-1 | 34 | 9-3-1 | 13819.01 |
| | | 9-2 | 58 | 9-3-2 | 13902.71 |
| | x | 9-3 | 17 | 9-4-1 | 12770.81 |
| 77.35 | | 9-4 | 82 | 9-4-2 | 13369.56 |
| | | | 13 | 10-1-1 | 16063.92 |
| | | | 8 | 10-1-2 | 15788.24 |
| | | | 42 | 10-2-1 | 16003.13 |
| | | | 5 | 10-2-2 | 16402.99 |
| | | 10-1 | 78 | 10-3-1 | 14826.54 |
| | | 10-2 | 109 | 10-3-2 | 14596.79 |
| | x | 10-3 | 92 | 10-4-1 | 12947.65 |
| 67.82 | | 10-4 | 84 | 10-4-2 | 13830.29 |
| | | | 65 | 11-1-1 | 17781.7 |
| | | | 63 | 11-1-2 | 18263.78 |
| | | | 3 | 11-2-1 | 16319.47 |
| | | | 33 | 11-2-2 | 17283.88 |
| | x | 11-1 | 26 | 11-3-1 | 15552.54 |
| | x | 11-2 | 23 | 11-3-2 | 15423.19 |
| | | 11-3 | 95 | 11-4-1 | 15466.74 |
| 86.88 | | 11-4 | 53 | 11-4-2 | 15431.32 |
| | | | 35 | 12-1-1 | 14823.39 |
| | | | 22 | 12-1-2 | 15126 |
| | | | 14 | 12-2-1 | 13563.54 |
| | | | 56 | 12-2-2 | 15263.75 |
| | x | 12-1 | 100 | 12-3-1 | 15386.28 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | x | 12-2 | | 49 | 12-3-2 | 15575.98 |
| | | 12-3 | | 107 | 12-4-1 | 14022 |
| 75.44 | suk | 12-4 | | 71 | 12-4-2 | 14279.04 |
| | | | | 68 | 13-1-1 | 18465.02 |
| | | | | 48 | 13-1-2 | 18702.82 |
| | | | | 70 | 13-2-1 | 19232.74 |
| | | | | 32 | 13-2-2 | 19708.96 |
| | x | 13-1 | | 64 | 13-3-1 | 17895.22 |
| | x | 13-2 | | 66 | 13-3-2 | 17680.16 |
| | x | 13-3 | | 115 | 13-4-1 | 17092.7 |
| 93.04 | x | 13-4 | | 6 | 13-4-2 | 17361.46 |
| | | | | 25 | 14-1-1 | 18910.28 |
| | | | | 38 | 14-1-2 | 18648.51 |
| | | | | 41 | 14-2-1 | 16001.21 |
| | | | | 21 | 14-2-2 | 16611.76 |
| | x | 14-1 | | 104 | 14-3-1 | 15002.33 |
| | x | 14-2 | | 50 | 14-3-2 | 15084.63 |
| | x | 14-3 | | 36 | 14-4-1 | 15054.28 |
| 79.59 | x | 14-4 | | 19 | 14-4-2 | 15296.81 |
| | | | | 102 | 15-1-1 | 14684.59 |
| | | | | 69 | 15-1-2 | 15072.56 |
| | | | | 67 | 15-2-1 | 13906.29 |
| | | | | 103 | 15-2-2 | 14105.7 |
| | x | 15-1 | | 101 | 15-3-1 | 13775.1 |
| | x | 15-2 | | 47 | 15-3-2 | 14357.5 |
| | x | 15-3 | | 114 | 15-4-1 | 13231.37 |
| 67.37 | x suk na tahove straně | 15-4 | | 31 | 15-4-2 | 14197.1 |
| | | | | 91 | 17-1-1 | 12212.44 |
| | | | | 35 | 17-1-2 | 12825.96 |
| | | | | 87 | 17-2-1 | 12756.24 |
| | | | | 88 | 17-2-2 | 12879.75 |
| | | 17-1 | | 40 | 17-3-1 | 10077.11 |
| | | 17-2 | | 92 | 17-3-2 | 9896.4 |
| | | 17-3 | | 119 | 17-4-1 | 8207.96 |
| 62.80 | krehky lom | 17-4 | | 120 | 17-4-2 | 9099.28 |
| | | | | 47 | 22-1-1 | 17513.76 |
| | | | | 53 | 22-1-2 | 18126.92 |
| | | | | 78 | 22-2-1 | 15390.5 |
| | | | | 77 | 22-2-2 | 15649.33 |
| | | 22-1 | | 101 | 22-3-1 | 10813.79 |
| | | 22-2 | | 102 | 22-3-2 | 10483.41 |
| | | 22-3 | | 129 | 22-4-1 | 10208.67 |
| 73.26 | krehky lom | 22-4 | | 130 | 22-4-2 | 10692.82 |
| | | | | 49 | 25-1-1 | 18436.48 |
| | | | | 51 | 25-1-2 | 17908.42 |
| | | | | 72 | 25-2-1 | 16080.12 |
| | | | | 71 | 25-2-2 | 15880.95 |
| | | 25-1 | | 107 | 25-3-1 | 15189.76 |
| | krehky lom | 25-2 | | 108 | 25-3-2 | 15262.88 |
| | krehky lom | 25-3 | | 136 | 25-4-1 | 14057.54 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 91.50 | | 25-4 | | 135 | 25-4-2 | 14033.83 |
| | | | | 57 | 26-1-1 | 14826.23 |
| | | | | 58 | 26-1-2 | 14902.15 |
| | | | | 61 | 26-2-1 | 13308.79 |
| | | | | 62 | 26-2-2 | 13555.55 |
| | krehky lom | 26-1 | | 109 | 26-3-1 | 12350.47 |
| | krehky lom | 26-2 | | 110 | 26-3-2 | 12641.04 |
| | krehky lom | 26-3 | | 137 | 26-4-1 | 11103.31 |
| 72.53 | krehky lom | 26-4 | | 138 | 26-4-2 | 11173.82 |
| | | | | 7 | 37-1-1 | 16825.27 |
| | | | | 8 | 37-1-2 | 16979.47 |
| | | | | 23 | 37-2-1 | 16333.91 |
| | | | | 24 | 37-2-2 | 16085.78 |
| | | 37-1 | | 55 | 37-3-1 | 15025.66 |
| | | 37-2 | | 56 | 37-3-2 | 14819.86 |
| | | 37-3 | | 39 | 37-4-1 | 14174.04 |
| 83.83 | | 37-4 | | 40 | 37-4-2 | 14872.16 |

| ε F max (%) | tloušťka je v tang. směru (mm) | šířka (mm) | délka (mm) | hmotnost m0 (g) | hmotnost mw (g) | vlhkost v době zkoušky (%) |
|---|---|---|---|---|---|---|
| 0.44 | 20.07 | 20.19 | 30.47 | 6.484 | 7.43 | 14.59 |
| 0.23 | 20 | 20.17 | 30.48 | 6.613 | 7.56 | 14.32 |
| 0.53 | 19.71 | 20.07 | 30.51 | 6.067 | 6.921 | 14.08 |
| 0.35 | 19.72 | 20.09 | 30.53 | 6.059 | 6.942 | 14.57 |
| 0.27 | 19.75 | 19.96 | 30.59 | 5.434 | 6.22 | 14.46 |
| 0.17 | 19.81 | 19.86 | 30.51 | 5.536 | 6.322 | 14.20 |
| 0.28 | 19.67 | 19.97 | 30.56 | 5.121 | 5.846 | 14.16 |
| 0.44 | 19.79 | 20.02 | 30.59 | 5.126 | 5.846 | 14.05 |
| 0.6 | 20 | 20.16 | 30.5 | 4.6 | 5.318 | 15.61 |
| 0.46 | 19.98 | 20.11 | 30.5 | 4.598 | 5.267 | 14.55 |
| 0.91 | 19.85 | 20.2 | 30.47 | 4.144 | 4.771 | 15.13 |
| 0.4 | 19.92 | 20.22 | 30.48 | 4.13 | 4.771 | 15.52 |
| 0.43 | 19.79 | 20.16 | 30.5 | 3.777 | 4.338 | 14.85 |
| 0.28 | 19.82 | 20.16 | 30.52 | 3.746 | 4.299 | 14.76 |
| 0.26 | 19.86 | 19.96 | 30.58 | 4.055 | 4.65 | 14.67 |
| 0.17 | 19.83 | 20.09 | 30.53 | 4.288 | 4.918 | 14.69 |
| 0.54 | 19.85 | 20.1 | 30.56 | 5.639 | 6.544 | 16.05 |
| 0.52 | 19.81 | 20.1 | 30.52 | 5.814 | 6.707 | 15.36 |
| 0.44 | 19.72 | 20.04 | 30.54 | 5.355 | 6.181 | 15.42 |
| 0.73 | 19.79 | 20.06 | 30.57 | 5.365 | 6.181 | 15.21 |
| 0.11 | 19.66 | 19.99 | 30.5 | 5.488 | 6.325 | 15.25 |
| 0.45 | 19.66 | 20.01 | 30.5 | 5.433 | 6.238 | 14.82 |
| 0.45 | 19.76 | 20.06 | 30.52 | 5.916 | 6.796 | 14.87 |
| 0.33 | 19.72 | 20.01 | 30.52 | 5.92 | 6.77 | 14.36 |
| 0.26 | 19.95 | 20.06 | 30.59 | 5.557 | 6.427 | 15.66 |
| 0.19 | 19.91 | 20.01 | 30.55 | 5.569 | 6.446 | 15.75 |
| 0.69 | 19.83 | 20.09 | 30.49 | 5.665 | 6.519 | 15.08 |
| 0.19 | 19.83 | 20.08 | 30.51 | 5.615 | 6.459 | 15.03 |
| 0.39 | 19.88 | 20.03 | 30.48 | 4.8 | 5.513 | 14.85 |
| 0.52 | 19.89 | 20.12 | 30.51 | 4.829 | 5.547 | 14.87 |
| 0.13 | 19.86 | 20.05 | 30.47 | 5.064 | 5.82 | 14.93 |
| 0.32 | 19.79 | 20.1 | 30.49 | 5.029 | 5.764 | 14.62 |
| 0.54 | 19.92 | 20.12 | 30.55 | 5.206 | 6.005 | 15.35 |
| 0.37 | 19.95 | 20.13 | 30.55 | 5.236 | 6.042 | 15.39 |
| 0.44 | 19.68 | 20.19 | 30.51 | 5.236 | 6.021 | 14.99 |
| 0.4 | 19.71 | 19.94 | 30.54 | 5.142 | 5.913 | 14.99 |
| 1.02 | 19.81 | 19.98 | 30.53 | 5.567 | 6.405 | 15.05 |
| 0.73 | 19.78 | 20.01 | 30.53 | 5.979 | 6.678 | 11.69 |
| 0.65 | 19.99 | 20.19 | 30.5 | 5.44 | 6.283 | 15.50 |
| 0.61 | 19.95 | 20.16 | 30.49 | 5.44 | 6.249 | 14.87 |
| 0.18 | 19.91 | 20.08 | 30.55 | 4.928 | 5.706 | 15.79 |
| 0.36 | 19.95 | 20.07 | 30.57 | 4.905 | 5.672 | 15.64 |
| 0.2 | 19.85 | 20.14 | 30.55 | 4.667 | 5.362 | 14.89 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.28 | 19.82 | 20.17 | 30.54 | 4.65 | 5.359 | 15.25 |
| 0.22 | 19.92 | 20.09 | 30.52 | 4.103 | 4.719 | 15.01 |
| 0.38 | 19.96 | 20.1 | 30.56 | 4.183 | 4.782 | 14.32 |
| 0.44 | 19.9 | 20.01 | 30.52 | 4.021 | 4.61 | 14.65 |
| 0.24 | 19.95 | 20.03 | 30.53 | 4.045 | 4.642 | 14.76 |
| 0.14 | 19.99 | 20.19 | 30.54 | 4.925 | 5.683 | 15.39 |
| 0.25 | 20.05 | 20.14 | 30.52 | 4.994 | 5.755 | 15.24 |
| 0.32 | 19.73 | 20.03 | 30.59 | 4.879 | 5.614 | 15.06 |
| 0.54 | 19.69 | 19.98 | 30.53 | 4.865 | 5.578 | 14.66 |
| 0.23 | 19.76 | 20.01 | 30.52 | 4.377 | 5.037 | 15.08 |
| 0.28 | 19.81 | 20.04 | 30.53 | 4.407 | 5.08 | 15.27 |
| 0.18 | 19.82 | 20.04 | 30.55 | 4.138 | 4.76 | 15.03 |
| 0.46 | 19.78 | 20.02 | 30.52 | 4.111 | 4.719 | 14.79 |
| 0.23 | 19.99 | 20.2 | 30.57 | 4.648 | 5.358 | 15.28 |
| 0.31 | 20 | 20.22 | 30.53 | 4.573 | 5.272 | 15.29 |
| 0.32 | 19.91 | 20.14 | 30.54 | 4.381 | 5.059 | 15.48 |
| 0.33 | 19.81 | 20.12 | 30.51 | 4.385 | 5.021 | 14.50 |
| 0.4 | 19.8 | 20.01 | 30.5 | 4.439 | 5 | 12.64 |
| 0.23 | 19.82 | 20.03 | 30.53 | 4.328 | 4.963 | 14.67 |
| 0.16 | 19.84 | 20.16 | 30.51 | 4.019 | 4.592 | 14.26 |
| 0.43 | 20.01 | 20.21 | 30.47 | 3.937 | 4.508 | 14.50 |
| 0.26 | 19.91 | 20.02 | 30.66 | 5.294 | 6.119 | 15.58 |
| 0.28 | 19.88 | 20.07 | 30.62 | 5.286 | 6.115 | 15.68 |
| 0.3 | 19.65 | 20.12 | 30.53 | 5.075 | 5.828 | 14.84 |
| 0.3 | 19.69 | 20.08 | 30.53 | 5.191 | 5.954 | 14.70 |
| 0.25 | 19.8 | 20.08 | 30.47 | 4.471 | 5.144 | 15.05 |
| 0.59 | 19.72 | 20.07 | 30.48 | 4.444 | 5.073 | 14.15 |
| 0.44 | 19.92 | 20.05 | 30.49 | 4.224 | 4.827 | 14.28 |
| 0.16 | 19.62 | 20 | 30.52 | 4.156 | 4.724 | 13.67 |
| 0.39 | 19.95 | 20.05 | 30.58 | 5.031 | 5.774 | 14.77 |
| 0.64 | 20 | 19.8 | 30.69 | 5.018 | 5.797 | 15.52 |
| 0.19 | 19.73 | 20.13 | 30.49 | 4.934 | 5.634 | 14.19 |
| 0.2 | 19.75 | 20.1 | 30.55 | 5.032 | 5.751 | 14.29 |
| 0.5 | 19.69 | 19.96 | 30.46 | 4.676 | 5.322 | 13.82 |
| 0.5 | 19.66 | 19.94 | 30.53 | 4.837 | 5.511 | 13.93 |
| 0.28 | 19.76 | 20.01 | 30.46 | 4.053 | 4.612 | 13.79 |
| 0.1 | 19.66 | 19.97 | 30.49 | 4.127 | 4.69 | 13.64 |
| 0.29 | 19.92 | 20.17 | 30.56 | 5.536 | 6.373 | 15.12 |
| 0.26 | 19.85 | 20.15 | 30.53 | 5.569 | 6.38 | 14.56 |
| 0.25 | 19.81 | 20.04 | 30.56 | 5.059 | 5.828 | 15.20 |
| 0.16 | 19.72 | 20 | 30.58 | 5.123 | 5.887 | 14.91 |
| 0.29 | 19.75 | 20.1 | 30.61 | 5.135 | 5.943 | 15.74 |
| 0.31 | 19.67 | 20.06 | 30.62 | 5.058 | 5.858 | 15.82 |
| 0.21 | 19.74 | 20.04 | 30.6 | 4.959 | 5.708 | 15.10 |
| 0.05 | 19.73 | 20.08 | 30.64 | 4.932 | 5.703 | 15.63 |
| 0.31 | 20.04 | 20.25 | 30.59 | 5.095 | 5.91 | 16.00 |
| 0.25 | 20 | 20.19 | 30.62 | 5.039 | 5.826 | 15.62 |
| 0.7 | 19.94 | 20.14 | 30.58 | 4.89 | 5.629 | 15.11 |
| 0.23 | 19.86 | 20.14 | 30.59 | 4.913 | 5.663 | 15.27 |
| 0.39 | 19.76 | 20.04 | 30.54 | 5.316 | 6.123 | 15.18 |

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|---|---|---|---|---|---|---|
| 0.38 | 19.8 | 20.05 | 30.61 | 5.207 | 6.008 | 15.38 |
| 0.65 | 19.89 | 19.95 | 30.52 | 4.955 | 5.702 | 15.08 |
| 0.47 | 19.84 | 19.94 | 30.54 | 4.872 | 5.619 | 15.33 |
| 0.44 | 19.92 | 20.28 | 30.59 | 5.603 | 6.431 | 14.78 |
| 0.19 | 19.93 | 20.17 | 30.56 | 5.639 | 6.455 | 14.47 |
| 0.22 | 19.82 | 20.25 | 30.59 | 5.764 | 6.624 | 14.92 |
| 0.28 | 19.86 | 20.16 | 30.51 | 5.775 | 6.622 | 14.67 |
| 0.35 | 19.72 | 19.93 | 30.54 | 5.684 | 6.537 | 15.01 |
| 0.17 | 19.79 | 20.01 | 30.57 | 5.661 | 6.534 | 15.42 |
| 0.35 | 19.9 | 19.97 | 30.53 | 5.582 | 6.453 | 15.60 |
| 0.48 | 19.88 | 20.14 | 30.57 | 5.581 | 6.421 | 15.05 |
| 0.19 | 19.85 | 20.04 | 30.58 | 5.768 | 6.64 | 15.12 |
| 0.21 | 19.88 | 20.08 | 30.63 | 5.785 | 6.689 | 15.63 |
| 0.5 | 19.65 | 20.1 | 30.58 | 4.976 | 5.745 | 15.45 |
| 0.38 | 19.55 | 20.04 | 30.59 | 4.951 | 5.686 | 14.85 |
| 0.37 | 19.6 | 20.16 | 30.6 | 4.85 | 5.585 | 15.15 |
| 0.39 | 19.78 | 20.17 | 30.63 | 4.745 | 5.473 | 15.34 |
| 0.41 | 19.87 | 20.17 | 30.59 | 5.366 | 6.207 | 15.67 |
| 0.74 | 19.85 | 20.1 | 30.57 | 5.441 | 6.273 | 15.29 |
| 0.56 | 19.87 | 20.27 | 30.6 | 4.915 | 5.659 | 15.14 |
| 0.63 | 19.95 | 20.27 | 30.61 | 4.904 | 5.665 | 15.52 |
| 0.27 | 19.88 | 20.36 | 30.63 | 4.822 | 5.582 | 15.76 |
| 0.71 | 19.93 | 20.21 | 30.59 | 4.797 | 5.546 | 15.61 |
| 0.35 | 19.84 | 20.12 | 30.56 | 4.528 | 5.208 | 15.02 |
| 0.3 | 19.83 | 20.05 | 30.56 | 4.493 | 5.145 | 14.51 |
| 0.4 | 19.87 | 20.17 | 30.53 | 4.371 | 5.03 | 15.08 |
| 0.35 | 19.91 | 20.21 | 30.56 | 4.378 | 5.016 | 14.57 |
| 0.4 | 20.05 | 20.04 | 30.33 | 4.468 | 5.242 | 17.32 |
| 0.22 | 20.03 | 20.05 | 30.34 | 4.495 | 5.243 | 16.64 |
| 0.22 | 19.97 | 19.93 | 30.36 | 4.599 | 5.367 | 16.70 |
| 0.02 | 19.95 | 19.93 | 30.32 | 4.573 | 5.356 | 17.12 |
| 0.22 | 20.04 | 20.04 | 30.3 | 3.96 | 4.656 | 17.58 |
| 0.5 | 20.02 | 20.04 | 30.4 | 3.958 | 4.671 | 18.01 |
| 0.91 | 19.84 | 19.95 | 30.21 | 4.739 | 5.616 | 18.51 |
| 0.58 | 19.74 | 19.98 | 30.29 | 4.233 | 4.959 | 17.15 |
| 0.19 | 20.06 | 20 | 30.32 | 5.711 | 6.624 | 15.99 |
| 0.3 | 20.04 | 19.95 | 30.33 | 5.699 | 6.609 | 15.97 |
| 0.28 | 19.95 | 20 | 30.34 | 5.132 | 5.969 | 16.31 |
| 0.28 | 20.03 | 20.12 | 30.32 | 5.098 | 5.946 | 16.63 |
| 0.16 | 19.95 | 19.86 | 30.35 | 3.797 | 4.413 | 16.22 |
| 0.22 | 19.97 | 19.96 | 30.32 | 3.681 | 4.294 | 16.65 |
| 0.35 | 19.76 | 19.93 | 30.29 | 3.714 | 4.31 | 16.05 |
| 0.26 | 19.96 | 19.95 | 30.3 | 3.852 | 4.485 | 16.43 |
| 0.26 | 19.79 | 19.96 | 30.33 | 6.066 | 7.079 | 16.70 |
| 0.46 | 19.77 | 19.98 | 30.33 | 6.014 | 7.045 | 17.14 |
| 0.31 | 19.65 | 19.94 | 30.36 | 5.92 | 6.99 | 18.07 |
| 0.35 | 19.62 | 19.95 | 30.33 | 6.056 | 7.145 | 17.98 |
| 0.28 | 19.65 | 20.05 | 30.31 | 5.777 | 6.833 | 18.28 |
| 0.56 | 19.69 | 20.03 | 30.35 | 5.774 | 6.811 | 17.96 |
| 0.28 | 19.72 | 19.98 | 30.3 | 5 | 5.839 | 16.78 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 0.6 | 19.69 | 19.94 | 30.27 | 4.962 | 5.77 | 16.28 |
| 0.54 | 19.99 | 20.01 | 30.32 | 5.225 | 6.103 | 16.80 |
| 0.44 | 19.98 | 20.03 | 30.28 | 5.222 | 6.092 | 16.66 |
| 0.35 | 19.99 | 19.93 | 30.43 | 4.903 | 5.785 | 17.99 |
| 0.59 | 19.98 | 19.95 | 30.27 | 4.99 | 5.899 | 18.22 |
| 0.67 | 19.98 | 20.06 | 30.32 | 4.985 | 5.889 | 18.13 |
| 1.07 | 19.99 | 20.07 | 30.29 | 4.99 | 5.918 | 18.60 |
| 1.01 | 19.96 | 20.01 | 30.31 | 4.139 | 4.841 | 16.96 |
| 0.68 | 19.94 | 20 | 30.31 | 4.146 | 4.83 | 16.50 |
| 0.7 | 20.06 | 20.05 | 31.15 | 6.026 | 6.938 | 15.13 |
| 0.79 | 20.03 | 20.03 | 31.11 | 6.055 | 6.973 | 15.16 |
| 0.86 | 19.95 | 20.05 | 31.23 | 5.78 | 6.655 | 15.14 |
| 0.81 | 19.93 | 20.03 | 31.01 | 5.79 | 6.661 | 15.04 |
| 0.59 | 19.86 | 19.98 | 31.19 | 5.43 | 6.249 | 15.08 |
| 0.64 | 19.85 | 19.96 | 31.15 | 5.371 | 6.188 | 15.21 |
| 0.32 | 19.75 | 20.07 | 31.11 | 5.298 | 6.079 | 14.74 |
| 0.35 | 19.73 | 20.08 | 31.16 | 5.322 | 6.089 | 14.41 |

## TLAK 20x20x30

| hustota při w=0% (kg/m3) | hustota při w (kg/m3) | Ew mod (MPa) | Sigmaw (MPa) | E12 mod (MPa) | $MOE_{C\,(L)}$ (Mpa) | **$MOE_{C\,(L)}$ (Mpa)** | Sigma12 (MPa) |
|---|---|---|---|---|---|---|---|
| 525.15 | 602 | 39402.9 | 53.90 | 41443.78 | | | 59.49 |
| 537.83 | 615 | 26938.19 | 56.46 | 28188.27 | 28188.27 | | 61.70 |
| 502.69 | 573 | 24638.51 | 52.14 | 25661.57 | | | 56.47 |
| 500.94 | 574 | 59509.99 | 52.81 | 62572.80 | 25661.57 | | 58.25 |
| 450.62 | 516 | 29037.34 | 46.94 | 30468.58 | | | 51.57 |
| 461.20 | 527 | 33490.94 | 48.91 | 34963.19 | 32715.88 | | 53.21 |
| 426.60 | 487 | 18119.22 | 44.53 | 18901.02 | | | 48.37 |
| 422.95 | 482 | 19092.62 | 43.09 | 19873.91 | 19387.47 | 26488.30 | 46.62 |
| 374.06 | 432 | 24336.19 | 34.71 | 26092.63 | | | 39.72 |
| 375.20 | 430 | 12729.44 | 35.64 | 13378.59 | 19735.61 | | 39.28 |
| 339.18 | 391 | 12352.3 | 28.90 | 13125.63 | | | 32.52 |
| 336.41 | 389 | 9925.8 | 29.57 | 10624.69 | 11875.16 | | 33.74 |
| 310.39 | 356 | 11758.99 | 27.26 | 12429.97 | | | 30.37 |
| 307.18 | 353 | 12836 | 27.17 | 13545.17 | 12987.57 | | 30.18 |
| 334.51 | 384 | 13396.14 | 29.57 | 14112.36 | | | 32.73 |
| 352.55 | 404 | 10678.17 | 26.47 | 11253.12 | 12682.74 | 14320.27 | 29.32 |
| 462.48 | 537 | 16264.76 | 42.62 | 17581.86 | | | 49.52 |
| 478.42 | 552 | 15799.14 | 44.06 | 16860.68 | 17221.27 | | 49.98 |
| 443.70 | 512 | 60430.59 | 41.49 | 64569.89 | | | 47.17 |
| 442.08 | 509 | 17201.54 | 41.50 | 18305.77 | 18305.77 | | 46.83 |
| 457.84 | 528 | 32624.45 | 45.74 | 34745.99 | | | 51.68 |
| 452.80 | 520 | 18785.19 | 44.52 | 19843.49 | 27294.74 | | 49.54 |
| 489.02 | 562 | 20062.66 | 48.70 | 21216.23 | | | 54.30 |
| 491.57 | 562 | 14156.96 | 49.00 | 14824.63 | 18020.43 | 20210.55 | 53.62 |
| 453.93 | 525 | 23583.22 | 43.01 | 25307.59 | | | 49.30 |
| 457.56 | 530 | 28855.5 | 43.72 | 31018.44 | 28163.02 | | 50.28 |
| 466.38 | 537 | 17368.81 | 45.46 | 18437.00 | | | 51.05 |
| 462.19 | 532 | 62755.6 | 44.03 | 66560.05 | 18437.00 | | 49.36 |
| 395.48 | 454 | 14603.77 | 38.71 | 15437.40 | | | 43.13 |
| 395.51 | 454 | -74219.34 | 37.80 | -78477.31 | 15437.40 | | 42.14 |
| 417.38 | 480 | 27805.72 | 41.76 | 29434.53 | | | 46.65 |
| 414.65 | 475 | 14101.44 | 42.01 | 14839.01 | 22136.77 | 21043.55 | 46.40 |
| 425.18 | 490 | 14766.16 | 40.00 | 15754.81 | | | 45.36 |
| 426.78 | 492 | 16617.93 | 40.61 | 17745.77 | 16750.29 | | 46.12 |
| 431.91 | 497 | 12982.95 | 37.55 | 13759.94 | | | 42.05 |
| 428.40 | 493 | 11568.72 | 38.37 | 12261.49 | 13010.72 | | 42.96 |
| 460.70 | 530 | 16484.41 | 39.65 | 17490.95 | | | 44.49 |
| 494.80 | 553 | 13007 | 40.20 | 12926.60 | 15208.77 | | 39.70 |
| 441.93 | 510 | 14229.96 | 37.35 | 15225.01 | | | 42.57 |
| 443.62 | 510 | 16503.92 | 38.88 | 17451.68 | 16338.35 | 15327.03 | 43.35 |
| 403.48 | 467 | 24640.81 | 38.05 | 26507.27 | | | 43.81 |
| 400.73 | 463 | 59875.07 | 38.60 | 64230.51 | 26507.27 | | 44.22 |
| 382.13 | 439 | 17247.64 | 37.07 | 18245.17 | | | 41.36 |

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|---|---|---|---|---|---|---|---|
| 380.87 | 439 | 14220.63 | 36.31 | 15144.21 | 16694.69 | | 41.03 |
| 335.93 | 386 | 17374.94 | 30.78 | 18422.09 | | | 34.49 |
| 341.18 | 390 | 8767.94 | 29.69 | 9174.75 | 13798.42 | | 32.45 |
| 330.86 | 379 | 12642.34 | 31.10 | 13311.90 | | | 34.40 |
| 331.56 | 380 | 10767.61 | 27.82 | 11361.76 | 12336.83 | 17334.30 | 30.89 |
| 399.57 | 461 | 23146.73 | 38.74 | 24716.48 | | | 44.00 |
| 405.22 | 467 | 24407.13 | 39.87 | 25987.88 | 25352.18 | | 45.03 |
| 403.59 | 464 | 19762.22 | 39.31 | 20973.47 | | | 44.13 |
| 405.06 | 464 | 32489.84 | 41.66 | 34215.51 | 27594.49 | | 46.09 |
| 362.71 | 417 | 18052.4 | 33.04 | 19164.00 | | | 37.11 |
| 363.61 | 419 | 13994.93 | 33.01 | 14910.52 | 17037.26 | | 37.33 |
| 341.02 | 392 | 8973.61 | 27.62 | 9517.66 | | | 30.97 |
| 340.15 | 390 | 10054.99 | 28.48 | 10615.98 | 10066.82 | 20012.69 | 31.66 |
| 376.54 | 434 | 16669.92 | 36.17 | 17761.93 | | | 40.90 |
| 370.39 | 427 | 42038.18 | 35.36 | 44800.40 | 17761.93 | | 40.01 |
| 357.74 | 413 | 17294.97 | 33.21 | 18497.29 | | | 37.82 |
| 360.59 | 413 | 20681.61 | 36.55 | 21717.34 | 20107.31 | | 40.21 |
| 367.34 | 414 | 10872.41 | 33.75 | 11011.14 | | | 34.61 |
| 357.09 | 409 | 17023.7 | 34.45 | 17933.41 | 14472.28 | | 38.13 |
| 329.34 | 376 | 18831.72 | 30.53 | 19681.89 | | | 33.29 |
| 319.51 | 366 | 9232.62 | 26.49 | 9694.88 | 14688.39 | 16757.48 | 29.15 |
| 433.19 | 501 | 18691.25 | 42.02 | 20030.92 | | | 48.04 |
| 432.67 | 501 | 20203.65 | 42.12 | 21691.83 | 20861.37 | | 48.32 |
| 420.45 | 483 | 29663.5 | 42.19 | 31346.87 | | | 46.98 |
| 430.05 | 493 | 21360.11 | 43.22 | 22512.92 | 26929.89 | | 47.89 |
| 369.07 | 425 | 22648.01 | 34.76 | 24030.70 | | | 39.00 |
| 368.39 | 421 | 27854.86 | 35.13 | 29054.80 | 26542.75 | | 38.15 |
| 346.87 | 396 | 13916.72 | 31.98 | 14550.09 | | | 34.89 |
| 347.03 | 394 | 15286.66 | 34.07 | 15796.31 | 15173.20 | 22376.80 | 36.34 |
| 411.30 | 472 | 15522.51 | 40.16 | 16381.97 | | | 44.61 |
| 412.89 | 477 | 41377.29 | 39.87 | 44293.66 | 16381.97 | | 45.49 |
| 407.45 | 465 | 10012.79 | 40.29 | 10450.80 | | | 43.82 |
| 414.92 | 474 | 28862.85 | 41.32 | 30183.93 | 20317.37 | | 45.10 |
| 390.61 | 445 | 11921.61 | 37.73 | 12354.42 | | | 40.46 |
| 404.15 | 460 | 12220.3 | 37.23 | 12693.04 | 12523.73 | | 40.12 |
| 336.52 | 383 | 12227.6 | 32.75 | 12665.90 | | | 35.09 |
| 344.76 | 392 | 80371.72 | 35.23 | 83010.92 | 12665.90 | 15472.24 | 37.54 |
| 450.87 | 519 | 38062.06 | 44.26 | 40436.54 | | | 49.78 |
| 456.05 | 522 | 25838.62 | 45.66 | 27162.98 | 27162.98 | | 50.34 |
| 416.99 | 480 | 20247.42 | 41.11 | 21543.51 | | | 46.37 |
| 424.77 | 488 | 18213.04 | 43.82 | 19274.18 | 20408.85 | | 48.93 |
| 422.58 | 489 | 21938.46 | 39.18 | 23577.33 | | | 45.03 |
| 418.64 | 485 | 17545.84 | 39.09 | 18885.12 | 21231.23 | | 45.05 |
| 409.66 | 472 | 17713.01 | 39.10 | 18812.58 | | | 43.95 |
| 406.30 | 470 | 46107.76 | 38.95 | 49457.58 | 18812.58 | 21903.91 | 44.61 |
| 410.43 | 476 | 17410.02 | 36.53 | 18801.45 | | | 42.37 |
| 407.54 | 471 | 15871.11 | 37.46 | 17019.60 | 17910.53 | | 42.88 |
| 398.19 | 458 | 12524.87 | 33.77 | 13304.54 | | | 37.98 |
| 401.54 | 463 | 12650.92 | 38.16 | 13477.18 | 13390.86 | | 43.15 |
| 439.57 | 506 | 20907.86 | 38.86 | 22237.85 | | | 43.80 |

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|---|---|---|---|---|---|---|---|
| 428.49 | 494 | 16272.76 | 39.24 | 17373.82 | 19805.83 | | 44.54 |
| 409.15 | 471 | 16129.18 | 35.34 | 17121.34 | | | 39.68 |
| 403.25 | 465 | 13474.13 | 36.09 | 14372.18 | 15746.76 | 16713.50 | 40.91 |
| 453.40 | 520 | 16217.73 | 45.71 | 17118.72 | | | 50.79 |
| 459.02 | 525 | 37274.68 | 46.53 | 39116.53 | 17118.72 | | 51.12 |
| 469.48 | 540 | 26245.55 | 47.92 | 27778.39 | | | 53.52 |
| 472.76 | 542 | 18550.04 | 49.23 | 19539.38 | 23658.88 | | 54.48 |
| 473.56 | 545 | 21645.04 | 45.53 | 22946.79 | | | 51.01 |
| 467.63 | 540 | 22870.58 | 44.65 | 24435.52 | 23691.16 | | 50.76 |
| 460.08 | 532 | 10986.63 | 43.01 | 11778.49 | | | 49.21 |
| 455.97 | 525 | 17344.44 | 43.36 | 18402.82 | 15090.65 | 19889.85 | 48.65 |
| 474.17 | 546 | 23496.61 | 47.54 | 24961.81 | | | 53.47 |
| 473.13 | 547 | 18655.41 | 46.72 | 20008.53 | 22485.17 | | 53.49 |
| 411.99 | 476 | 17002.03 | 40.51 | 18176.59 | | | 46.11 |
| 413.11 | 474 | 26693.08 | 42.40 | 28212.18 | 23194.38 | | 47.23 |
| 401.12 | 462 | 16140.98 | 37.97 | 17159.36 | | | 42.76 |
| 388.29 | 448 | 13355.35 | 37.81 | 14248.15 | 15703.75 | | 42.86 |
| 437.69 | 506 | 14289.06 | 37.56 | 15338.66 | | | 43.08 |
| 446.09 | 514 | 11792.8 | 38.34 | 12569.07 | 13953.87 | 18834.29 | 43.39 |
| 398.80 | 459 | 11383.79 | 36.46 | 12098.09 | | | 41.03 |
| 396.18 | 458 | 19967.36 | 37.27 | 21372.24 | 16735.16 | | 42.52 |
| 388.94 | 450 | 13964.09 | 34.36 | 15014.50 | | | 39.53 |
| 389.33 | 450 | 13321.16 | 35.02 | 14283.99 | 14649.24 | | 40.08 |
| 371.18 | 427 | 14097.78 | 34.51 | 14948.63 | | | 38.67 |
| 369.78 | 423 | 20066.77 | 36.11 | 21074.71 | 18011.67 | | 39.74 |
| 357.23 | 411 | 12295.85 | 33.01 | 13052.45 | | | 37.08 |
| 356.03 | 408 | 21812.09 | 35.28 | 22934.48 | 17993.46 | 16847.39 | 38.91 |
| 366.63 | 430 | 8904.5 | 30.39 | 9852.51 | | | 36.87 |
| 368.91 | 430 | 10369.71 | 31.94 | 11332.17 | 10592.34 | | 37.87 |
| 380.61 | 444 | 8861.55 | 32.05 | 9694.41 | | | 38.08 |
| 379.33 | 444 | 11532.48 | 32.39 | 12713.92 | 11204.17 | | 39.03 |
| 325.43 | 383 | 9325.59 | 25.09 | 10365.53 | | | 30.69 |
| 324.52 | 531 | 7798.61 | 24.67 | 8736.65 | 9551.09 | | 30.60 |
| 396.32 | 470 | 5442.7 | 20.74 | 6150.91 | | | 26.13 |
| 354.33 | 415 | 7543.62 | 23.07 | 8320.76 | 7235.83 | 9645.86 | 27.82 |
| 469.49 | 545 | 18598.53 | 43.65 | 20081.46 | | | 50.61 |
| 469.99 | 545 | 14492.02 | 45.34 | 15642.02 | 17861.74 | | 52.54 |
| 423.93 | 493 | 12917.62 | 38.57 | 14030.97 | | | 45.22 |
| 417.22 | 487 | 15727.16 | 38.83 | 17184.75 | 15607.86 | | 46.03 |
| 315.76 | 367 | 21583.69 | 27.29 | 23406.79 | | | 31.90 |
| 304.58 | 355 | 9953.7 | 26.30 | 10880.01 | 17143.40 | | 31.20 |
| 311.35 | 361 | 16063.2 | 25.92 | 17363.48 | | | 30.12 |
| 319.26 | 372 | 9796.45 | 26.85 | 10665.01 | 14014.24 | 16156.81 | 31.61 |
| 506.32 | 591 | 13209.25 | 46.67 | 14450.82 | | | 55.45 |
| 501.98 | 588 | 14912.58 | 45.34 | 16446.59 | 15448.71 | | 54.66 |
| 497.66 | 588 | 11839.57 | 41.04 | 13277.92 | | | 51.01 |
| 510.12 | 602 | 13195.69 | 40.57 | 14774.47 | 14026.19 | | 50.28 |
| 483.77 | 572 | 16189.19 | 38.55 | 18222.35 | | | 48.24 |
| 482.38 | 569 | 11416.96 | 38.70 | 12777.82 | 15500.09 | | 47.93 |
| 418.82 | 489 | 12117.27 | 35.68 | 13275.68 | | | 42.50 |

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|---|---|---|---|---|---|---|---|
| 417.52 | 486 | 18283.84 | 35.74 | 19850.31 | 16563.00 | 15384.49 | 41.87 |
| 430.82 | 503 | 8871.5 | 37.07 | 9723.84 | | | 44.19 |
| 430.93 | 503 | 10866.11 | 37.24 | 11878.89 | 10801.37 | | 44.18 |
| 404.43 | 477 | 11099.63 | 33.41 | 12429.14 | | | 41.41 |
| 413.57 | 489 | 9609.87 | 34.01 | 10804.65 | 11616.90 | | 42.46 |
| 410.21 | 485 | 6292.94 | 30.81 | 7065.01 | | | 38.38 |
| 410.62 | 487 | 4963.37 | 31.51 | 5618.26 | 6341.63 | | 39.82 |
| 341.90 | 400 | 6526.56 | 27.80 | 7174.08 | | | 33.32 |
| 343.00 | 400 | 6286.25 | 28.02 | 6851.74 | 7012.91 | 8943.20 | 33.06 |
| 480.98 | 554 | 51591.79 | 41.83 | 54825.99 | | | 47.08 |
| 485.12 | 559 | 16723.55 | 42.32 | 17780.82 | 17780.82 | | 47.67 |
| 462.70 | 533 | 13126.27 | 40.84 | 13950.18 | | | 45.96 |
| 467.72 | 538 | -4074.48 | 40.30 | -4322.47 | 13950.18 | | 45.20 |
| 438.74 | 505 | 10412.83 | 37.87 | 11054.86 | | | 42.54 |
| 435.19 | 501 | 7502.09 | 37.40 | 7983.92 | 9519.39 | | 42.21 |
| 429.63 | 493 | 64494.56 | 35.76 | 68030.68 | | | 39.68 |
| 431.11 | 493 | 27720.74 | 37.54 | 29057.92 | 29057.92 | 17577.08 | 41.16 |
| | | | | | | **17561.98** | |

| $S_{C\,(L)}$ (Mpa) | **$S_{C\,(L)}$ (Mpa)** | hustota při w=12% (kg/m3) | ρ w=12% (kg/m3) | **ρ w=12% (kg/m3)** | vada / porušení | Popis mereni | označení |
|---|---|---|---|---|---|---|---|
| | | 586.42 | | | | | 1-1-1 |
| 60.59 | | 600.74 | 593.58 | | | | 1-1-2 |
| | | 561.11 | | | | | 1-2-1 |
| 57.36 | | 559.24 | 560.18 | | | záporná počáteční deforr | 1-2-2 |
| | | 503.29 | | | | | 1-3-1 |
| 52.39 | | 515.43 | 509.36 | | | | 1-3-2 |
| | | 476.50 | | | | | 1-4-1 |
| 47.49 | 54.46 | 472.15 | 474.32 | 534.36 | | | 1-4-2 |
| | | 416.42 | | | | | 2-1-1 |
| 39.50 | | 419.05 | 417.73 | | | | 2-1-2 |
| | | 378.77 | | | | | 2-2-1 |
| 33.13 | | 375.32 | 377.04 | | | | 2-2-2 |
| | | 345.85 | | | | | 2-3-1 |
| 30.27 | | 343.26 | 344.55 | | | | 2-3-2 |
| | | 373.74 | | | | | 2-4-1 |
| 31.02 | 33.48 | 393.13 | 383.44 | 380.69 | | | 2-4-2 |
| | | 515.28 | | | | | 3-1-1 |
| 49.75 | | 533.47 | 524.37 | | | | 3-1-2 |
| | | 494.48 | | | | nestandardní chování (pc | 3-2-1 |
| 47.00 | | 492.68 | 493.58 | | | | 3-2-2 |
| | | 510.85 | | | | | 3-3-1 |
| 50.61 | | 505.36 | 508.11 | | x | | 3-3-2 |
| | | 545.86 | | | | | 3-4-1 |
| 53.96 | 50.33 | 548.76 | 547.31 | 518.34 | | | 3-4-2 |
| | | 505.82 | | | | | 4-1-1 |
| 49.79 | | 510.15 | 507.99 | | | | 4-1-2 |
| | | 520.50 | | | | | 4-2-1 |
| 50.21 | | 515.89 | 518.19 | | | záporná počáteční deforr | 4-2-2 |
| | | 441.05 | | | | | 4-3-1 |
| 42.63 | | 440.99 | 441.02 | | | nestandardní chování (sta | 4-3-2 |
| | | 465.95 | | | | | 4-4-1 |
| 46.52 | 47.29 | 462.59 | 464.27 | 482.87 | | | 4-4-2 |
| | | 473.61 | | | | | 5-1-1 |
| 45.74 | | 475.32 | 474.46 | | | | 5-1-2 |
| | | 482.14 | | | | | 5-2-1 |
| 42.51 | | 478.25 | 480.20 | | | | 5-2-2 |
| | | 513.83 | | | | | 5-3-1 |
| 42.09 | | 554.71 | 534.27 | | | | 5-3-2 |
| | | 492.18 | | | | | 5-4-1 |
| 42.96 | 43.33 | 495.37 | 493.78 | 495.68 | | | 5-4-2 |
| | | 449.33 | | | | | 6-1-1 |
| 44.02 | | 446.17 | 447.75 | | | nestandardní chování | 6-1-2 |
| | | 426.32 | | | | | 6-2-1 |

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|---|---|---|---|---|---|---|---|
| 41.19 | | 424.76 | 425.54 | | | | 6-2-2 |
| | | 374.38 | | | | | 6-3-1 |
| 33.47 | | 380.96 | 377.67 | | | | 6-3-2 |
| | | 368.97 | | | | | 6-4-1 |
| 32.65 | 37.83 | 369.52 | 369.25 | 405.05 | | | 6-4-2 |
| | | 445.38 | | | | | 7-1-1 |
| 44.52 | | 451.89 | 448.64 | | | | 7-1-2 |
| | | 449.79 | | | | | 7-2-1 |
| 45.11 | | 451.69 | 450.74 | | | | 7-2-2 |
| | | 404.17 | | | | | 7-3-1 |
| 37.22 | | 405.31 | 404.74 | | | | 7-3-2 |
| | | 380.13 | | | | | 7-4-1 |
| 31.31 | 39.54 | 379.13 | 379.63 | 420.94 | | | 7-4-2 |
| | | 419.80 | | | | | 8-1-1 |
| 40.46 | | 412.98 | 416.39 | | | | 8-1-2 |
| | | 398.66 | | | | | 8-2-1 |
| 39.02 | | 402.67 | 400.66 | | | | 8-2-2 |
| | | 411.36 | | | | | 8-3-1 |
| 36.37 | | 398.08 | 404.72 | | | | 8-3-2 |
| | | 367.52 | | | | | 8-4-1 |
| 31.22 | 36.77 | 356.85 | 362.18 | 395.99 | | | 8-4-2 |
| | | 483.06 | | | | | 9-1-1 |
| 48.18 | | 482.56 | 482.81 | | | | 9-1-2 |
| | | 469.31 | | | | | 9-2-1 |
| 47.43 | | 479.71 | 474.51 | | | | 9-2-2 |
| | | 412.04 | | | | | 9-3-1 |
| 38.58 | | 411.94 | 411.99 | | | | 9-3-2 |
| | | 387.00 | | | | | 9-4-1 |
| 35.61 | 42.45 | 387.44 | 387.22 | 439.13 | | | 9-4-2 |
| | | 458.94 | | | | | 10-1-1 |
| 45.05 | | 460.20 | 459.57 | | | | 10-1-2 |
| | | 454.84 | | | | | 10-2-1 |
| 44.46 | | 463.16 | 459.00 | | | nestandardní chování (pc | 10-2-2 |
| | | 436.93 | | | | | 10-3-1 |
| 40.29 | | 451.11 | 444.02 | | | | 10-3-2 |
| | | 376.14 | | | | | 10-4-1 |
| 36.32 | 41.53 | 385.57 | 380.86 | 435.86 | | nestandardní chování (pc | 10-4-2 |
| | | 502.83 | | | x | záporná počáteční deforr | 11-1-1 |
| 50.06 | | 508.63 | 505.73 | | | | 11-1-2 |
| | | 464.65 | | | | | 11-2-1 |
| 47.65 | | 473.80 | 469.22 | | x | | 11-2-2 |
| | | 470.75 | | | | | 11-3-1 |
| 45.04 | | 466.51 | 468.63 | | | | 11-3-2 |
| | | 457.36 | | | | | 11-4-1 |
| 44.28 | 46.76 | 452.94 | 455.15 | 474.68 | | nestandardní chování (pc | 11-4-2 |
| | | 456.99 | | | | | 12-1-1 |
| 42.62 | | 453.97 | 455.48 | | | | 12-1-2 |
| | | 443.76 | | | | | 12-2-1 |
| 40.56 | | 447.89 | 445.83 | | | | 12-2-2 |
| | | 489.92 | | | x | | 12-3-1 |

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|---|---|---|---|---|---|---|---|
| 44.17 | | 477.30 | 483.61 | | x | | 12-3-2 |
| | | 456.53 | | | | | 12-4-1 |
| 40.29 | 41.91 | 449.52 | 453.02 | 459.49 | | | 12-4-2 |
| | | 505.57 | | | x | | 13-1-1 |
| 50.96 | | 512.04 | 508.80 | | x | záporná počáteční deforr | 13-1-2 |
| | | 524.24 | | | x | | 13-2-1 |
| 54.00 | | 527.56 | 525.90 | | x | nestandardní chování | 13-2-2 |
| | | 528.63 | | | x | | 13-3-1 |
| 50.88 | | 521.54 | 525.08 | | x | | 13-3-2 |
| | | 512.84 | | | | | 13-4-1 |
| 48.93 | 51.19 | 509.00 | 510.92 | 517.68 | | nestandardní chování (pc | 13-4-2 |
| | | 528.99 | | | | | 14-1-1 |
| 53.48 | | 527.18 | 528.09 | | | | 14-1-2 |
| | | 459.57 | | | | | 14-2-1 |
| 46.67 | | 460.52 | 460.05 | | | | 14-2-2 |
| | | 447.44 | | | x | | 14-3-1 |
| 42.81 | | 433.04 | 440.24 | | x | | 14-3-2 |
| | | 487.43 | | | | | 14-4-1 |
| 43.23 | 46.55 | 497.10 | 492.26 | 480.16 | | | 14-4-2 |
| | | 444.61 | | | x | | 15-1-1 |
| 41.78 | | 441.90 | 443.26 | | x | | 15-1-2 |
| | | 433.09 | | | x | | 15-2-1 |
| 39.80 | | 433.75 | 433.42 | | x | | 15-2-2 |
| | | 414.13 | | | x | | 15-3-1 |
| 39.21 | | 412.39 | 413.26 | | x | | 15-3-2 |
| | | 398.37 | | | | | 15-4-1 |
| 38.00 | 39.70 | 397.51 | 397.94 | 421.97 | | | 15-4-2 |
| | | 407.13 | | | | | 17-1-1 |
| 37.37 | | 410.06 | 408.60 | | | | 17-1-2 |
| | | 423.15 | | | | | 17-2-1 |
| 38.55 | | 421.28 | 422.21 | | | | 17-2-2 |
| | | 361.66 | | | | | 17-3-1 |
| 30.64 | | 499.09 | 430.38 | | | | 17-3-2 |
| | | 439.45 | | | | | 17-4-1 |
| 26.98 | 33.39 | 393.64 | 416.54 | 419.43 | | | 17-4-2 |
| | | 523.29 | | | | | 22-1-1 |
| 51.58 | | 523.39 | 523.34 | | | | 22-1-2 |
| | | 471.77 | | | | | 22-2-1 |
| 45.63 | | 464.45 | 468.11 | | | | 22-2-2 |
| | | 351.51 | | | | | 22-3-1 |
| 31.55 | | 338.50 | 345.00 | | | | 22-3-2 |
| | | 346.40 | | | | | 22-4-1 |
| 30.87 | 39.90 | 355.52 | 350.96 | 421.86 | | | 22-4-2 |
| | | 563.25 | | | | | 25-1-1 |
| 55.06 | | 557.78 | 560.52 | | | | 25-1-2 |
| | | 552.31 | | | | | 25-2-1 |
| 50.65 | | 566.02 | 559.17 | | | | 25-2-2 |
| | | 536.11 | | | | | 25-3-1 |
| 48.08 | | 535.12 | 535.61 | | | | 25-3-2 |
| | | 465.65 | | | | | 25-4-1 |

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|---|---|---|---|---|---|---|
| 42.18 | 48.99 | 465.20 | 465.42 | 530.18 | | 25-4-2 |
| | | 478.86 | | | | 26-1-1 |
| 44.18 | | 479.58 | 479.22 | | | 26-1-2 |
| | | 448.46 | | | | 26-2-1 |
| 41.94 | | 458.63 | 453.54 | | | 26-2-2 |
| | | 455.27 | | | | 26-3-1 |
| 39.10 | | 454.90 | 455.09 | | | 26-3-2 |
| | | 380.17 | | | | 26-4-1 |
| 33.19 | 39.60 | 382.02 | 381.10 | 442.24 | | 26-4-2 |
| | | 536.65 | | | | 37-1-1 |
| 47.38 | | 541.34 | 539.00 | | | 37-1-2 |
| | | 516.29 | | | | 37-2-1 |
| 45.58 | | 521.64 | 518.96 | | záporný přírůstek deform | 37-2-2 |
| | | 489.44 | | | | 37-3-1 |
| 42.37 | | 484.92 | 487.18 | | | 37-3-2 |
| | | 479.50 | | | záporná počáteční deforr | 37-4-1 |
| 40.42 | 43.94 | 481.12 | 480.31 | 506.36 | | 37-4-2 |
| | **42.95** | | | **459.15** | | |

## Roztlačovák ve 2 vr

| označení | $CS_{C\,(L)}$ (Mpa) | $CS_{C\,(L)}$ (Mpa) | **$CS_{C\,(L)}$ (Mpa)** | | $MOD_{C\,(L)}$ (Mpa) | $MOD_{C\,(L)}$ (Mpa) | **$MOD_{C\,(L)}$ (Mpa)** |
|---|---|---|---|---|---|---|---|
| L-1-A-1 | 92.96 | | | 77.09 | 41370.48 | | |
| L-1-B-1 | 85.07 | 89.01 | | 70.41 | 40821.45 | 41095.97 | |
| L-1-A-2 | 77.63 | | | 60.10 | 27138.39 | | |
| L-1-B-2 | 75.32 | 76.47 | | 54.85 | 30555.79 | 28847.09 | |
| L-1-A-3 | 71.97 | | | 52.81 | 26761.02 | | |
| L-1-B-3 | 71.58 | 71.77 | | 48.07 | 23640.56 | 25200.79 | |
| L-1-A-4 | 69.34 | | | 48.27 | 14218.77 | | |
| L-1-B-4 | 67.27 | 68.31 | 76.39 | 34.20 | 15416.93 | 14817.85 | 27490.42 |
| L-2-A-1 | 61.69 | | | 42.51 | 22668.54 | | |
| L-2-B-1 | 72.42 | 67.05 | | 52.88 | 25890.87 | 24279.71 | |
| L-2-A-2 | 50.01 | | | 34.71 | 18725.48 | | |
| L-2-B-2 | 61.81 | 55.91 | | 42.64 | 19525.71 | 19125.59 | |
| L-2-A-3 | 50.15 | | | 28.51 | 12498.61 | | |
| L-2-B-3 | 50.62 | 50.39 | | 21.36 | 10942.67 | 11720.64 | |
| L-2-A-4 | 55.08 | | | 28.27 | 13097.35 | | |
| L-2-B-4 | 54.04 | 54.56 | 56.98 | 24.68 | 11012.90 | 12055.12 | 16795.27 |
| L-3-A-1 | 77.91 | | | 54.10 | 35892.64 | | |
| L-3-B-1 | 83.36 | 80.63 | | 59.63 | 37926.04 | 36909.34 | |
| L-3-A-2 | 70.49 | | | 54.07 | 23898.57 | | |
| L-3-B-2 | 62.09 | 66.29 | | 48.78 | 28921.49 | 26410.03 | |
| L-3-A-3 | 75.78 | | | 59.83 | 34337.32 | | |
| L-3-B-3 | 80.83 | 78.30 | | 64.75 | 32943.20 | 33640.26 | |
| L-3-A-4 | 76.31 | | | 53.70 | 22312.54 | | |
| L-3-B-4 | 76.71 | 76.51 | 75.43 | 56.17 | 21618.07 | 21965.30 | 29731.23 |
| L-4-A-1 | 79.14 | | | 56.41 | 31057.93 | | |
| L-4-B-1 | 73.76 | 76.45 | | 53.09 | 35420.61 | 33239.27 | |
| L-4-A-2 | 71.50 | | | 46.71 | 20324.90 | | |
| L-4-B-2 | 67.89 | 69.69 | | 35.32 | 18411.13 | 19368.01 | |
| L-4-A-3 | 66.19 | | | 21.73 | 15538.94 | | |
| L-4-B-3 | 66.75 | 66.47 | | 46.41 | 16941.77 | 16240.35 | |
| L-4-A-4 | 69.08 | | | 45.93 | 14088.73 | | |
| L-4-B-4 | 63.28 | 66.18 | 69.70 | 39.80 | 15640.97 | 14864.85 | 20928.12 |
| L-5-A-1 | 77.45 | | | 62.48 | 27963.74 | | |
| L-5-B-1 | 71.64 | 74.54 | | 47.59 | 22384.28 | 25174.01 | |
| L-5-A-2 | 71.28 | | | 53.22 | 23794.12 | | |
| L-5-B-2 | 65.06 | 68.17 | | 45.90 | 18748.35 | 21271.24 | |
| L-5-A-3 | 68.58 | | | 38.00 | 16669.27 | | |
| L-5-B-3 | 61.81 | 65.20 | | 41.25 | 15165.19 | 15917.23 | |
| L-5-A-4 | 60.66 | | | 40.48 | 16500.54 | | |
| L-5-B-4 | 56.09 | 58.37 | 66.57 | 13.66 | 12207.55 | 14354.05 | 19179.13 |
| L-6-A-1 | 72.22 | | | 49.70 | 28266.78 | | |
| L-6-B-1 | 82.53 | 77.37 | | 58.48 | 30713.91 | 29490.35 | |
| L-6-A-2 | 57.78 | | | 41.32 | 15201.55 | | |

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|---|---|---|---|---|---|---|---|
| L-6-B-2 | 61.04 | 59.41 | | 39.83 | 17730.62 | 16466.08 | |
| L-6-A-3 | 52.05 | | | 30.78 | 9597.69 | | |
| L-6-B-3 | 51.63 | 51.84 | | 29.73 | 11772.58 | 10685.13 | |
| L-6-A-4 | 53.96 | | | 31.49 | 11298.05 | | |
| L-6-B-4 | 55.60 | 54.78 | 60.85 | 33.76 | 12812.30 | 12055.18 | 17174.18 |
| L-7-A-1 | 80.03 | | | 54.00 | 31714.43 | | |
| L-7-B-1 | 79.94 | 79.98 | | 53.97 | 34659.37 | 33186.90 | |
| L-7-A-2 | 65.94 | | | 40.58 | 26781.03 | | |
| L-7-B-2 | 64.50 | 65.22 | | 24.41 | 23494.19 | 25137.61 | |
| L-7-A-3 | 56.58 | | | 31.19 | 18170.24 | | |
| L-7-B-3 | 50.17 | 53.37 | | 24.37 | 10393.34 | 14281.79 | |
| L-7-A-4 | 57.47 | | | 33.12 | 15118.09 | | |
| L-7-B-4 | 57.35 | 57.41 | 63.99 | 29.36 | 15698.12 | 15408.11 | 22003.60 |
| L-8-A-1 | 70.27 | | | 49.73 | 27540.29 | | |
| L-8-B-1 | 68.34 | 69.30 | | 49.59 | 32512.10 | 30026.19 | |
| L-8-A-2 | 58.59 | | | 30.92 | 19292.23 | | |
| L-8-B-2 | 60.49 | 59.54 | | 26.51 | 18454.79 | 18873.51 | |
| L-8-A-3 | 56.79 | | | 41.56 | 13524.11 | | |
| L-8-B-3 | 57.36 | 57.07 | | 35.70 | 12026.48 | 12775.29 | |
| L-8-A-4 | 54.50 | | | 34.27 | 10484.93 | | |
| L-8-B-4 | 43.93 | 49.22 | 58.78 | 16.20 | 7518.07 | 9001.50 | 17669.12 |
| L-9-A-1 | 85.36 | | | 54.68 | 34129.62 | | |
| L-9-B-1 | 77.64 | 81.50 | | 52.44 | 34240.82 | 34185.22 | |
| L-9-A-2 | 69.08 | | | 38.27 | 19721.23 | | |
| L-9-B-2 | 64.69 | 66.89 | | 45.42 | 17638.45 | 18679.84 | |
| L-9-A-3 | 66.79 | | | 37.09 | 17721.39 | | |
| L-9-B-3 | 62.37 | 64.58 | | 39.70 | 15320.69 | 16521.04 | |
| L-9-A-4 | 58.87 | | | 36.85 | 16444.80 | | |
| L-9-B-4 | 53.00 | 55.94 | 67.23 | 16.92 | 9790.29 | 13117.54 | 20625.91 |
| L-10-A-1 | 71.15 | | | 44.61 | 25574.40 | | |
| L-10-B-1 | 69.63 | 70.39 | | 43.05 | 27720.36 | 26647.38 | |
| L-10-A-2 | 61.31 | | | 32.88 | 20799.47 | | |
| L-10-B-2 | 61.32 | 61.32 | | 40.44 | 22582.96 | 21691.21 | |
| L-10-A-3 | 55.49 | | | 34.78 | 17357.37 | | |
| L-10-B-3 | 60.42 | 57.95 | | 29.36 | 13762.87 | 15560.12 | |
| L-10-A-4 | 56.21 | | | 27.66 | 9045.91 | | |
| L-10-B-4 | 56.78 | 56.50 | 61.54 | 22.10 | 10425.59 | 9735.75 | 18408.61 |
| L-11-A-1 | 83.09 | | | 63.42 | 40234.70 | | |
| L-11-B-1 | 71.08 | 77.08 | | 47.36 | 38542.58 | 39388.64 | |
| L-11-A-2 | 70.97 | | | 52.71 | 25782.09 | | |
| L-11-B-2 | 59.66 | 65.31 | | 38.68 | 23342.52 | 24562.30 | |
| L-11-A-3 | 67.14 | | | 32.00 | 20465.87 | | |
| L-11-B-3 | 67.05 | 67.09 | | 43.70 | 23187.27 | 21826.57 | |
| L-11-A-4 | 70.50 | | | 52.78 | 14598.80 | | |
| L-11-B-4 | 71.20 | 70.85 | 70.08 | 48.37 | 18954.59 | 16776.69 | 25638.55 |
| L-12-A-1 | 69.28 | | | 44.00 | 31743.48 | | |
| L-12-B-1 | 68.43 | 68.86 | | 43.83 | 30317.43 | 31030.45 | |
| L-12-A-2 | 65.74 | | | 43.80 | 18418.74 | | |
| L-12-B-2 | 60.30 | 63.02 | | 36.88 | 20238.49 | 19328.61 | |
| L-12-A-3 | 69.26 | | | 46.17 | 23461.30 | | |

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|---|---|---|---|---|---|---|---|
| L-12-B-3 | 69.51 | 69.38 | | 39.36 | 18846.55 | 21153.93 | |
| L-12-A-4 | 68.87 | | | 48.41 | 15648.13 | | |
| L-12-B-4 | 68.10 | 68.49 | 67.44 | 38.71 | 15333.17 | 15490.65 | 21750.91 |
| L-13-A-1 | 82.61 | | | 61.19 | 40711.37 | | |
| L-13-B-1 | 80.12 | 81.36 | | 47.09 | 39266.56 | 39988.96 | |
| L-13-A-2 | 75.51 | | | 52.78 | 35177.92 | | |
| L-13-B-2 | 70.27 | 72.89 | | 40.88 | 26320.97 | 30749.45 | |
| L-13-A-3 | 67.37 | | | 35.53 | 21512.14 | | |
| L-13-B-3 | 64.83 | 66.10 | | 37.66 | 23270.59 | 22391.36 | |
| L-13-A-4 | 64.85 | | | 41.70 | 13162.07 | | |
| L-13-B-4 | 63.56 | 64.21 | 71.14 | 38.48 | 15105.50 | 14133.78 | 26815.89 |
| L-14-A-1 | 86.53 | | | 34.14 | 36760.07 | | |
| L-14-B-1 | 91.85 | 89.19 | | 61.05 | 37697.90 | 37228.99 | |
| L-14-A-2 | 66.75 | | | 32.88 | 17261.87 | | |
| L-14-B-2 | 69.46 | 68.10 | | 44.41 | 23554.27 | 20408.07 | |
| L-14-A-3 | 62.16 | | | 31.53 | 15523.09 | | |
| L-14-B-3 | 62.81 | 62.48 | | 25.12 | 14368.20 | 14945.65 | |
| L-14-A-4 | 63.23 | | | 36.92 | 14931.32 | | |
| L-14-B-4 | 63.32 | 63.28 | 70.76 | 29.39 | 15310.53 | 15120.92 | 21925.91 |
| L-15-A-1 | 72.92 | | | 53.15 | 36204.42 | | |
| L-15-B-1 | 70.22 | 71.57 | | 39.90 | 33204.65 | 34704.53 | |
| L-15-A-2 | 60.66 | | | 36.48 | 21642.29 | | |
| L-15-B-2 | 63.94 | 62.30 | | 38.31 | 22381.36 | 22011.82 | |
| L-15-A-3 | 55.10 | | | 25.83 | 14615.20 | | |
| L-15-B-3 | 60.40 | 57.75 | | 36.37 | 19353.06 | 16984.13 | |
| L-15-A-4 | 54.75 | | | 28.00 | 12468.89 | | |
| L-15-B-4 | 58.47 | 56.61 | 62.06 | 26.61 | 14130.21 | 13299.55 | 21750.01 |
| L-17-A-1 | 57.97 | | | 34.71 | 30500.72 | | |
| L-17-B-1 | 64.63 | 61.30 | | 47.19 | 29472.54 | 29986.63 | |
| L-17-A-2 | 60.38 | | | 41.36 | 14927.03 | | |
| L-17-B-2 | 54.27 | 57.33 | | 30.88 | 18131.25 | 16529.14 | |
| L-17-A-3 | 53.71 | | | 22.14 | 11698.11 | | |
| L-17-B-3 | 51.37 | 52.54 | | 30.71 | 10129.56 | 10913.83 | |
| L-17-A-4 | 56.82 | | | 27.76 | 13562.67 | | |
| L-17-B-4 | 55.98 | 56.40 | 56.89 | 30.61 | 12745.93 | 13154.30 | 17645.97 |
| L-22-A-1 | 93.66 | | | 61.53 | 37983.89 | | |
| L-22-B-1 | 85.10 | 89.38 | | 57.32 | 37893.78 | 37938.84 | |
| L-22-A-2 | 70.38 | | | 34.14 | 26808.36 | | |
| L-22-B-2 | 69.74 | 70.06 | | 40.64 | 28469.72 | 27639.04 | |
| L-22-A-3 | 52.60 | | | 32.71 | 13445.50 | | |
| L-22-B-3 | 51.85 | 52.22 | | 27.46 | 11039.44 | 12242.47 | |
| L-22-A-4 | 48.08 | | | 23.59 | 10129.84 | | |
| L-22-B-4 | 51.20 | 49.64 | 65.33 | 25.22 | 10776.51 | 10453.17 | 22068.38 |
| L-25-A-1 | 85.49 | | | 52.88 | 38324.84 | | |
| L-25-B-1 | 88.20 | 86.85 | | 70.54 | 30554.77 | 34439.80 | |
| L-25-A-2 | 75.15 | | | 48.54 | 29407.89 | | |
| L-25-B-2 | 79.41 | 77.28 | | 41.02 | 27271.96 | 28339.92 | |
| L-25-A-3 | 67.86 | | | 50.48 | 32240.21 | | |
| L-25-B-3 | 65.48 | 66.67 | | 45.19 | 31370.96 | 31805.58 | |
| L-25-A-4 | 58.64 | | | 32.44 | 16999.53 | | |

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|---|---|---|---|---|---|---|---|---|
| | L-25-B-4 | 52.93 | 55.78 | 71.64 | 27.05 | 14337.09 | 15668.31 | 27563.40 |
| | L-26-A-1 | 76.35 | | | 60.78 | 30334.53 | | |
| | L-26-B-1 | 74.72 | 75.53 | | 55.05 | 31129.03 | 30731.78 | |
| | L-26-A-2 | 71.64 | | | 57.97 | 20227.66 | | |
| | L-26-B-2 | 67.84 | 69.74 | | 31.73 | 23922.40 | 22075.03 | |
| | L-26-A-3 | 50.56 | | | 31.19 | 14303.76 | | |
| | L-26-B-3 | 55.06 | 52.81 | | 31.09 | 12279.59 | 13291.67 | |
| | L-26-A-4 | 48.41 | | | 21.05 | 8932.98 | | |
| | L-26-B-4 | 54.51 | 51.46 | 62.38 | 28.75 | 8874.49 | 8903.74 | 18750.55 |
| | L-37-A-1 | 77.23 | | | 55.02 | 36096.74 | | |
| | L-37-B-1 | 79.32 | 78.27 | | 58.41 | 35547.08 | 35821.91 | |
| | L-37-A-2 | 72.29 | | | 48.34 | 33721.55 | | |
| | L-37-B-2 | 73.05 | 72.67 | | 50.14 | 31774.61 | 32748.08 | |
| | L-37-A-3 | 64.28 | | | 38.41 | 23086.66 | | |
| | L-37-B-3 | 64.24 | 64.26 | | 36.34 | 23696.57 | 23391.61 | |
| | L-37-A-4 | 64.98 | | | 38.64 | 14350.80 | | |
| | L-37-B-4 | 61.19 | 63.08 | 69.57 | 29.49 | 12659.00 | 13504.90 | 26366.62 |
| | | | | **66.24** | | | | **22014.09** |

## tech a 4 vrstvách

| označení | $CS_{C\,(T)}$ (Mpa) | $CS_{C\,(T)}$ (Mpa) | **$CS_{C\,(T)}$ (Mpa)** | | $MOD_{C\,(T)}$ (Mpa) | $MOD_{C\,(T)}$ (Mpa) | **$MOD_{C\,(T)}$ (Mpa)** | označení |
|---|---|---|---|---|---|---|---|---|
| T-1-A-1 | 42.04 | | | 33.02 | 12262.55 | | | |
| T-1-B-1 | 39.65 | 40.84 | | 29.22 | 11808.71 | 12035.63 | | |
| T-1-A-2 | 35.07 | | | 27.09 | 8432.45 | | | |
| T-1-B-2 | 35.83 | 35.45 | | 15.86 | 8419.28 | 8425.86 | | 1L |
| T-1-A-3 | 27.44 | | | 16.88 | 10823.41 | | | |
| T-1-B-3 | 27.95 | 27.70 | | 14.31 | 10168.71 | 10496.06 | | |
| T-1-A-4 | 26.18 | | | 15.29 | 8350.53 | | | |
| T-1-B-4 | 25.44 | 25.81 | 32.45 | 12.85 | 7693.70 | 8022.11 | 9744.92 | |
| T-2-A-1 | 24.96 | | | 20.27 | 9248.67 | | | |
| T-2-B-1 | 25.52 | 25.24 | | 20.48 | 9356.83 | 9302.75 | | |
| T-2-A-2 | 21.00 | | | 13.12 | 8568.88 | | | |
| T-2-B-2 | 23.78 | 22.39 | | 18.85 | 8563.17 | 8566.03 | | 2L |
| T-2-A-3 | 22.41 | | | 14.07 | 6682.80 | | | |
| T-2-B-3 | 23.33 | 22.87 | | 11.90 | 6299.58 | 6491.19 | | |
| T-2-A-4 | 24.01 | | | 17.83 | 6576.76 | | | |
| T-2-B-4 | 26.29 | 25.15 | 23.91 | 21.39 | 6198.45 | 6387.61 | 7686.89 | |
| T-3-A-1 | 32.29 | | | 23.63 | 13656.07 | | | |
| T-3-B-1 | 35.48 | 33.89 | | 29.02 | 12795.88 | 13225.97 | | |
| T-3-A-2 | 33.58 | | | 25.76 | 12998.44 | | | |
| T-3-B-2 | 36.21 | 34.90 | | 25.32 | 14217.73 | 13608.09 | | 3L |
| T-3-A-3 | 37.38 | | | 27.46 | 12865.43 | | | |
| T-3-B-3 | 37.39 | 37.39 | | 29.70 | 13634.51 | 13249.97 | | |
| T-3-A-4 | 36.92 | | | 27.66 | 11149.57 | | | |
| T-3-B-4 | 36.53 | 36.72 | 35.72 | 23.36 | 14680.80 | 12915.18 | 13249.80 | |
| T-4-A-1 | 32.45 | | | 16.00 | 13302.21 | | | |
| T-4-B-1 | 30.79 | 31.62 | | 19.93 | 14414.27 | 13858.24 | | |
| T-4-A-2 | 30.97 | | | 14.58 | 12099.16 | | | |
| T-4-B-2 | 33.96 | 32.47 | | 17.97 | 13769.40 | 12934.28 | | 4L |
| T-4-A-3 | 27.91 | | | 15.90 | 8278.92 | | | |
| T-4-B-3 | 29.06 | 28.48 | | 19.76 | 7674.48 | 7976.70 | | |
| T-4-A-4 | 26.69 | | | 17.09 | 11166.77 | | | |
| T-4-B-4 | 26.94 | 26.82 | 29.85 | 13.97 | 10039.45 | 10603.11 | 11343.08 | |
| T-5-A-1 | 27.59 | | | 23.39 | 10748.01 | | | |
| T-5-B-1 | 28.69 | 28.14 | | 17.32 | 10484.12 | 10616.06 | | |
| T-5-A-2 | 25.01 | | | 15.22 | 10518.88 | | | |
| T-5-B-2 | 27.97 | 26.49 | | 16.14 | 10152.30 | 10335.59 | | 5L |
| T-5-A-3 | 31.31 | | | 24.58 | 8191.71 | | | |
| T-5-B-3 | 24.61 | 27.96 | | 10.07 | 6748.78 | 7470.24 | | |
| T-5-A-4 | 28.69 | | | 23.12 | 8399.50 | | | |
| T-5-B-4 | 28.82 | 28.75 | 27.83 | 20.44 | 7912.47 | 8155.99 | 9144.47 | |
| T-6-A-1 | 31.12 | | | 20.27 | 12412.20 | | | |
| T-6-B-1 | 36.28 | 33.70 | | 28.58 | 12561.57 | 12486.89 | | |
| T-6-A-2 | 23.57 | | | 15.76 | 5679.66 | | | |

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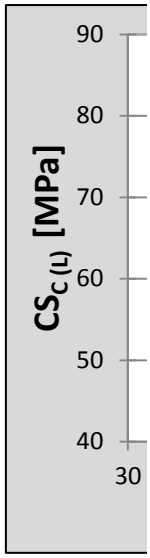
|---|---|---|---|---|---|---|---|---|---|
| T-6-B-2 | 25.02 | 24.29 | | 17.93 | 6379.87 | 6029.76 | | | 6L |
| T-6-A-3 | 22.18 | | | 11.90 | 5251.05 | | | | |
| T-6-B-3 | 24.61 | 23.39 | | 16.98 | 5680.75 | 5465.90 | | | |
| T-6-A-4 | 22.15 | | | 9.97 | 5842.38 | | | | |
| T-6-B-4 | 24.60 | 23.38 | 26.19 | 19.63 | 5812.37 | 5827.38 | 7452.48 | | |
| T-7-A-1 | 31.97 | | | 22.00 | 13774.33 | | | | |
| T-7-B-1 | 30.37 | 31.17 | | 17.09 | 11815.27 | 12794.80 | | | |
| T-7-A-2 | 26.20 | | | 17.59 | 10084.99 | | | | |
| T-7-B-2 | 26.07 | 26.13 | | 17.76 | 9787.51 | 9936.25 | | | 7L |
| T-7-A-3 | 23.71 | | | 17.53 | 8093.19 | | | | |
| T-7-B-3 | 23.49 | 23.60 | | 13.93 | 6745.25 | 7419.22 | | | |
| T-7-A-4 | 25.92 | | | 20.44 | 8963.27 | | | | |
| T-7-B-4 | 23.82 | 24.87 | 26.44 | 15.86 | 9188.21 | 9075.74 | 9806.50 | | |
| T-8-A-1 | 26.26 | | | 17.73 | 11047.46 | | | | |
| T-8-B-1 | 26.62 | 26.44 | | 19.86 | 11220.20 | 11133.83 | | | |
| T-8-A-2 | 23.96 | | | 16.75 | 9034.27 | | | | |
| T-8-B-2 | 25.36 | 24.66 | | 15.05 | 8876.16 | 8955.21 | | | 8L |
| T-8-A-3 | 21.59 | | | 13.80 | 7695.08 | | | | |
| T-8-B-3 | 23.17 | 22.38 | | 15.15 | 8590.59 | 8142.83 | | | |
| T-8-A-4 | 21.73 | | | 13.09 | 6753.88 | | | | |
| T-8-B-4 | 20.67 | 21.20 | 23.67 | 14.68 | 6875.60 | 6814.74 | 8761.65 | | |
| T-9-A-1 | 31.40 | | | 17.66 | 13270.40 | | | | |
| T-9-B-1 | 32.84 | 32.12 | | 17.83 | 12714.11 | 12992.25 | | | |
| T-9-A-2 | 28.67 | | | 15.02 | 9411.72 | | | | |
| T-9-B-2 | 28.43 | 28.55 | | 18.81 | 9701.44 | 9556.58 | | | 9L |
| T-9-A-3 | 27.91 | | | 14.81 | 8045.78 | | | | |
| T-9-B-3 | 26.73 | 27.32 | | 16.58 | 8936.89 | 8491.34 | | | |
| T-9-A-4 | 25.58 | | | 15.49 | 9479.72 | | | | |
| T-9-B-4 | 27.45 | 26.52 | 28.63 | 14.61 | 7514.21 | 8496.96 | 9884.28 | | |
| T-10-A-1 | 25.31 | | | 15.19 | 11647.16 | | | | |
| T-10-B-1 | 26.35 | 25.83 | | 14.34 | 10346.82 | 10996.99 | | | |
| T-10-A-2 | 23.59 | | | 13.39 | 9712.51 | | | | |
| T-10-B-2 | 26.24 | 24.91 | | 16.68 | 8884.79 | 9298.65 | | | 10L |
| T-10-A-3 | 24.35 | | | 15.80 | 6677.54 | | | | |
| T-10-B-3 | 23.65 | 24.00 | | 13.73 | 8089.03 | 7383.29 | | | |
| T-10-A-4 | 25.11 | | | 16.10 | 7532.83 | | | | |
| T-10-B-4 | 23.47 | 24.29 | 24.76 | 14.37 | 8167.83 | 7850.33 | 8882.31 | | |
| T-11-A-1 | 34.40 | | | 26.20 | 9627.27 | | | | |
| T-11-B-1 | 34.30 | 34.35 | | 28.20 | 8315.90 | 8971.59 | | | |
| T-11-A-2 | 32.40 | | | 27.46 | 7646.66 | | | | |
| T-11-B-2 | 30.83 | 31.61 | | 21.63 | 7950.44 | 7798.55 | | | 11L |
| T-11-A-3 | 31.98 | | | 14.17 | 10903.95 | | | | |
| T-11-B-3 | 30.04 | 31.01 | | 13.53 | 11218.25 | 11061.10 | | | |
| T-11-A-4 | 31.64 | | | 10.75 | 6565.27 | | | | |
| T-11-B-4 | 28.39 | 30.01 | 31.75 | 20.78 | 7026.09 | 6795.68 | 8656.73 | | |
| T-12-A-1 | 35.21 | | | 26.31 | 10338.55 | | | | |
| T-12-B-1 | 32.29 | 33.75 | | 20.24 | 10505.10 | 10421.82 | | | |
| T-12-A-2 | 28.52 | | | 21.97 | 7305.16 | | | | |
| T-12-B-2 | 29.04 | 28.78 | | 22.92 | 8122.84 | 7714.00 | | | 12L |
| T-12-A-3 | 30.53 | | | 25.32 | 8268.32 | | | | |

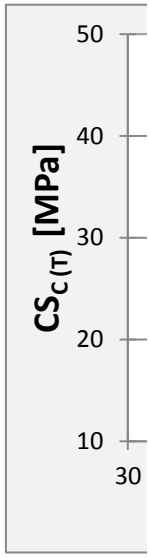
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| T-12-B-3 | 32.50 | 31.52 | | 22.10 | 9545.47 | 8906.89 | | |
| T-12-A-4 | 32.20 | | | 21.15 | 8617.93 | | | |
| T-12-B-4 | 32.23 | 32.22 | 31.57 | 21.63 | 8984.14 | 8801.04 | 8960.94 | |
| T-13-A-1 | 33.29 | | | 25.80 | 11869.02 | | | |
| T-13-B-1 | 35.03 | 34.16 | | 25.70 | 11289.56 | 11579.29 | | |
| T-13-A-2 | 30.72 | | | 23.46 | 11537.41 | | | |
| T-13-B-2 | 30.17 | 30.45 | | 22.68 | 9882.54 | 10709.98 | | 13L |
| T-13-A-3 | 31.66 | | | 24.54 | 9771.63 | | | |
| T-13-B-3 | 31.50 | 31.58 | | 18.51 | 9756.05 | 9763.84 | | |
| T-13-A-4 | 26.25 | | | 16.51 | 8813.70 | | | |
| T-13-B-4 | 26.17 | 26.21 | 30.60 | 14.81 | 9214.76 | 9014.23 | 10266.83 | |
| T-14-A-1 | 32.38 | | | 16.00 | 12619.77 | | | |
| T-14-B-1 | 35.39 | 33.88 | | 28.81 | 14918.72 | 13769.24 | | |
| T-14-A-2 | 28.80 | | | 10.92 | 8925.37 | | | |
| T-14-B-2 | 29.95 | 29.37 | | 23.83 | 9679.57 | 9302.47 | | 14L |
| T-14-A-3 | 29.06 | | | 14.34 | 8750.15 | | | |
| T-14-B-3 | 27.57 | 28.31 | | 20.07 | 8492.50 | 8621.33 | | |
| T-14-A-4 | 28.61 | | | 15.02 | 9030.90 | | | |
| T-14-B-4 | 28.64 | 28.62 | 30.05 | 21.25 | 9226.18 | 9128.54 | 10205.40 | |
| T-15-A-1 | 27.42 | | | 20.68 | 12339.18 | | | |
| T-15-B-1 | 26.96 | 27.19 | | 20.24 | 12097.09 | 12218.14 | | |
| T-15-A-2 | 24.50 | | | 9.66 | 8986.63 | | | |
| T-15-B-2 | 25.92 | 25.21 | | 17.19 | 11645.64 | 10316.13 | | 15L |
| T-15-A-3 | 24.05 | | | 18.85 | 6503.43 | | | |
| T-15-B-3 | 25.94 | 25.00 | | 19.70 | 9368.29 | 7935.86 | | |
| T-15-A-4 | 21.50 | | | 17.09 | 6490.01 | | | |
| T-15-B-4 | 23.48 | 22.49 | 24.97 | 16.98 | 8422.56 | 7456.29 | 9481.60 | |
| T-17-A-1 | 28.49 | | | 19.25 | 14543.44 | | | |
| T-17-B-1 | 29.96 | 29.22 | | 22.31 | 14335.38 | 14439.41 | | |
| T-17-A-2 | 24.67 | | | 15.02 | 10187.20 | | | |
| T-17-B-2 | 25.15 | 24.91 | | 18.98 | 9145.20 | 9666.20 | | 17L |
| T-17-A-3 | 22.72 | | | 15.56 | 6953.69 | | | |
| T-17-B-3 | 21.63 | 22.18 | | 12.48 | 7876.67 | 7415.18 | | |
| T-17-A-4 | 25.98 | | | 13.83 | 10667.10 | | | |
| T-17-B-4 | 24.41 | 25.20 | 25.38 | 19.25 | 9710.35 | 10188.72 | 10427.38 | |
| T-22-A-1 | 34.35 | | | 26.10 | 14734.81 | | | |
| T-22-B-1 | 33.98 | 34.16 | | 21.97 | 15079.60 | 14907.20 | | |
| T-22-A-2 | 28.55 | | | 19.73 | 11092.25 | | | |
| T-22-B-2 | 28.79 | 28.67 | | 18.31 | 10794.93 | 10943.59 | | 22L |
| T-22-A-3 | 18.49 | | | 12.71 | 6096.07 | | | |
| T-22-B-3 | 18.82 | 18.65 | | 12.88 | 5995.46 | 6045.77 | | |
| T-22-A-4 | 20.11 | | | 12.17 | 5529.28 | | | |
| T-22-B-4 | 20.20 | 20.15 | 25.41 | 12.54 | 6712.49 | 6120.88 | 9504.36 | |
| T-25-A-1 | 36.32 | | | 27.53 | 13944.15 | | | |
| T-25-B-1 | 33.29 | 34.80 | | 21.80 | 15013.05 | 14478.60 | | |
| T-25-A-2 | 35.73 | | | 25.56 | 14197.59 | | | |
| T-25-B-2 | 33.06 | 34.40 | | 22.24 | 13629.40 | 13913.50 | | 25L |
| T-25-A-3 | 25.45 | | | 21.63 | 9274.55 | | | |
| T-25-B-3 | 31.11 | 28.28 | | 22.92 | 12460.16 | 10867.36 | | |
| T-25-A-4 | 28.54 | | | 21.25 | 8925.51 | | | |

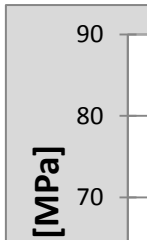
| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| T-25-B-4 | 28.53 | 28.53 | 31.50 | 21.12 | 8949.61 | 8937.56 | 12049.25 | | |
| T-26-A-1 | 27.56 | | | 22.27 | 10553.55 | | | | |
| T-26-B-1 | 24.47 | 26.01 | | 19.19 | 10497.46 | 10525.50 | | | |
| T-26-A-2 | 26.12 | | | 17.46 | 9465.56 | | | | |
| T-26-B-2 | 25.43 | 25.77 | | 18.71 | 7805.44 | 8635.50 | | | 26L |
| T-26-A-3 | 24.89 | | | 15.12 | 7144.53 | | | | |
| T-26-B-3 | 25.77 | 25.33 | | 17.15 | 7029.68 | 7087.10 | | | |
| T-26-A-4 | 24.21 | | | 16.61 | 6293.76 | | | | |
| T-26-B-4 | 21.72 | 22.96 | 25.02 | 13.29 | 5804.94 | 6049.35 | 8074.36 | | |
| T-37-A-1 | 32.94 | | | 26.14 | 19211.65 | | | | |
| T-37-B-1 | 36.03 | 34.48 | | 27.36 | 16194.26 | 17702.96 | | | |
| T-37-A-2 | 30.86 | | | 23.29 | 16271.84 | | | | |
| T-37-B-2 | 30.94 | 30.90 | | 24.51 | 17359.78 | 16815.81 | | | 37L |
| T-37-A-3 | 30.33 | | | 22.44 | 11807.91 | | | | |
| T-37-B-3 | 29.45 | 29.89 | | 22.78 | 11638.03 | 11722.97 | | | |
| T-37-A-4 | 33.04 | | | 22.41 | 11411.18 | | | | |
| T-37-B-4 | 30.54 | 31.79 | 31.77 | 21.46 | 9254.89 | 10333.03 | 14143.69 | | |
| | | | **28.37** | | | | **9886.35** | | |

## Roztlačovák při DIC

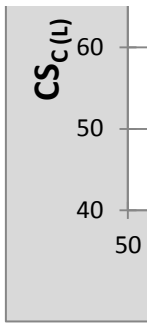
| $CS_{C\,(L)}$ (Mpa) | | $MOD_{C\,(L)}$ (Mpa) | | $CS_{C\,(T)}$ (Mpa) | | $MOD_{C\,(T)}$ (Mpa) |
|---|---|---|---|---|---|---|
| 95.67 | 68.44 | 38761.57 | 1T | 42.28 | 29.42 | 13447.53 |
| 65.54 | 34.41 | 17577.16 | 2T | 29.04 | 17.46 | 5757.63 |
| 85.37 | 56.78 | 27676.70 | 3T | 37.83 | 25.02 | 11729.76 |
| 89.57 | 63.02 | 31438.26 | 4T | 40.87 | 30.41 | 16693.93 |
| 77.03 | 46.14 | 24120.08 | 5T | 33.78 | 23.15 | 7556.18 |

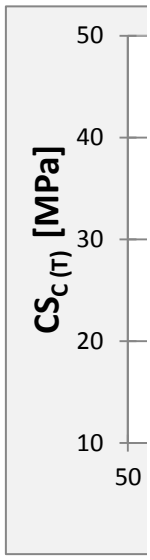


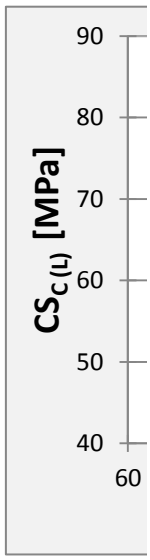



| | | | | | | |
|---|---|---|---|---|---|---|
| 70.36 | 34.03 | 16966.25 | 6T | 26.45 | 21.05 | 7786.77 |
| 74.89 | 41.39 | 25662.66 | 7T | 31.75 | 22.31 | 9290.68 |
| 74.48 | 36.71 | 21477.36 | 8T | 30.95 | 21.02 | 6524.20 |
| 84.25 | 50.78 | 24366.60 | 9T | 30.26 | 23.12 | 9778.74 |
| 78.03 | 51.22 | 26858.92 | 10T | 25.83 | 19.86 | 10634.57 |
| 82.71 | 59.80 | 41031.39 | 11T | 31.85 | 26.98 | 12813.61 |
| 77.82 | 53.93 | 31556.31 | 12T | 35.05 | 24.92 | 13457.37 |

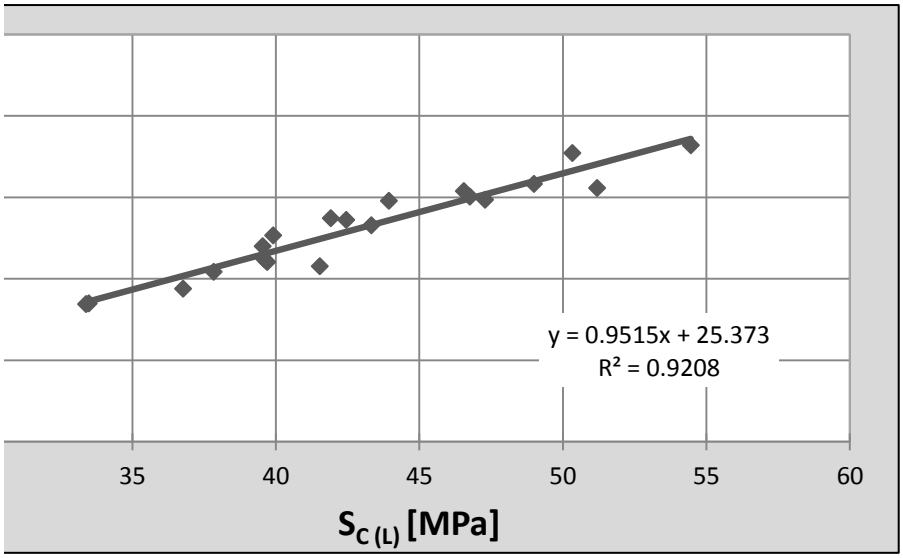


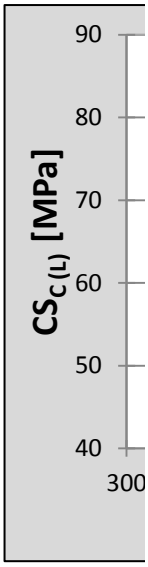



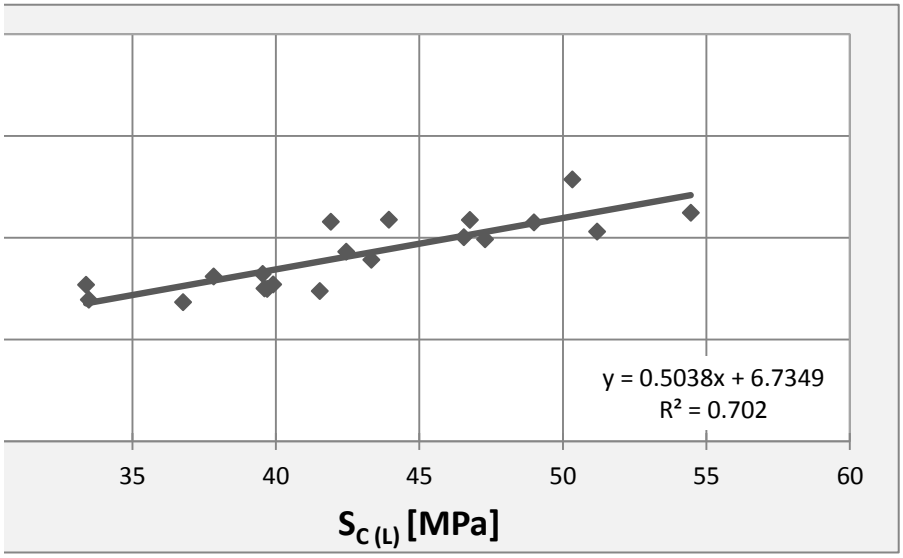



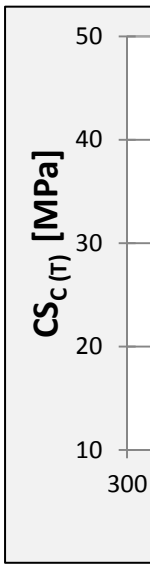
| | | | | | | |
|---|---|---|---|---|---|---|
| 91.67 | 59.36 | 34946.28 | 13T | 38.49 | 30.17 | 14224.08 |
| 78.91 | 40.24 | 12460.34 | 14T | 37.64 | 22.78 | 7318.70 |
| 76.13 | 49.02 | 22713.08 | 15T | 35.43 | 23.05 | 8433.13 |
| 68.44 | 40.14 | 18880.48 | 17T | 30.44 | 20.48 | 5982.99 |
| 82.82 | 54.92 | 24769.96 | 22T | 32.43 | 21.59 | 7060.49 |
| 93.94 | 64.98 | 28662.35 | 25T | 36.66 | 23.25 | 11143.17 |

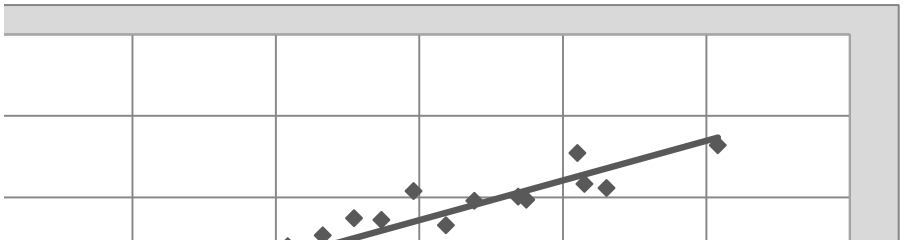
| | | | | | | |
|---|---|---|---|---|---|---|
| 79.03 | 51.39 | 23361.75 | 26T | 31.83 | 22.07 | 6860.34 |
| 92.87 | 62.85 | 30329.70 | 37T | 41.78 | 23.59 | 10943.55 |

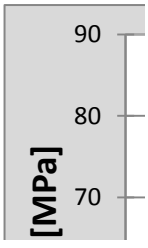

y = 0.9515x + 25.373
R² = 0.9208
35
40
45
50
55
60
S C (L) [MPa]

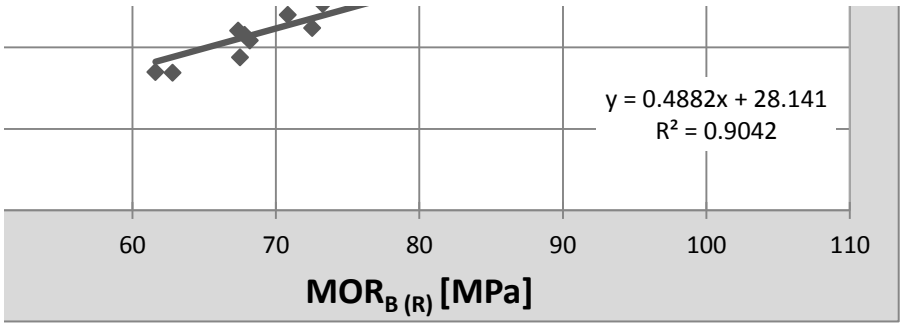

90
80
70
60
50
40
CS C (L) [MPa]
300

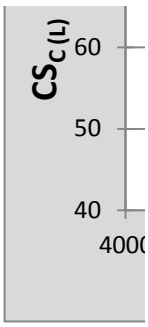

y = 0.5038x + 6.7349
R² = 0.702
35
40
45
50
55
60
S C (L) [MPa]

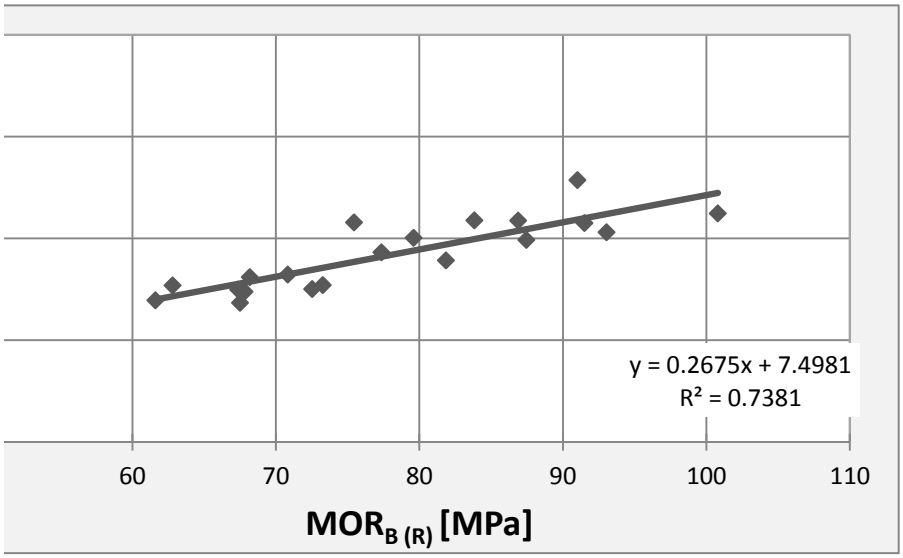

50
40
30
20
10
CS C (T) [MPa]
300

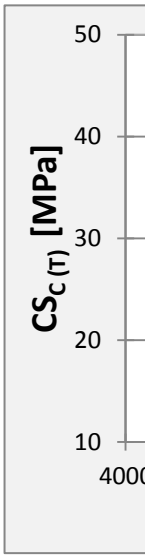


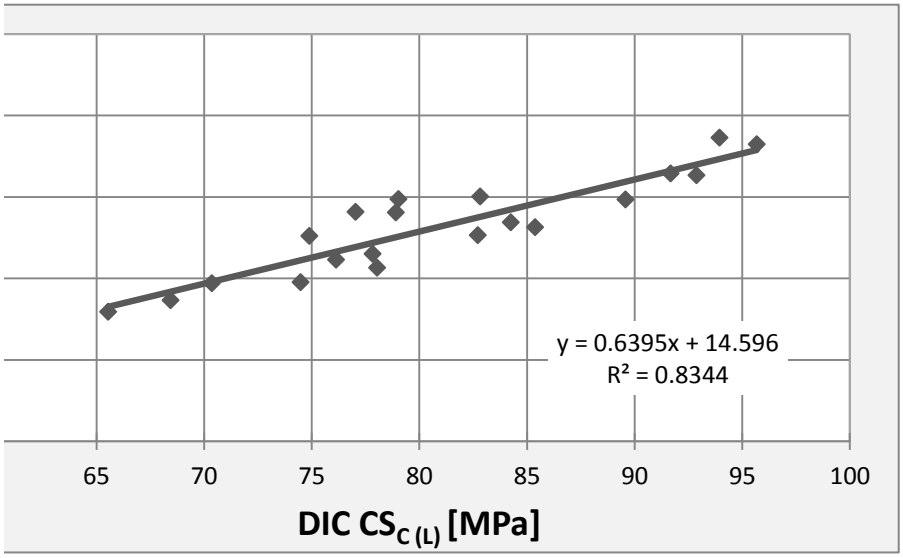

90
80
70
[MPa]

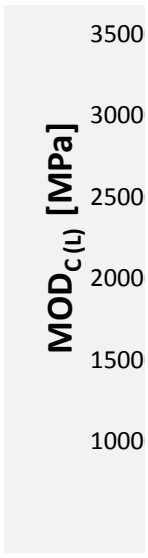

y = 0.4882x + 28.141
R² = 0.9042
60
70
80
90
100
110
MOR B (R) [MPa]

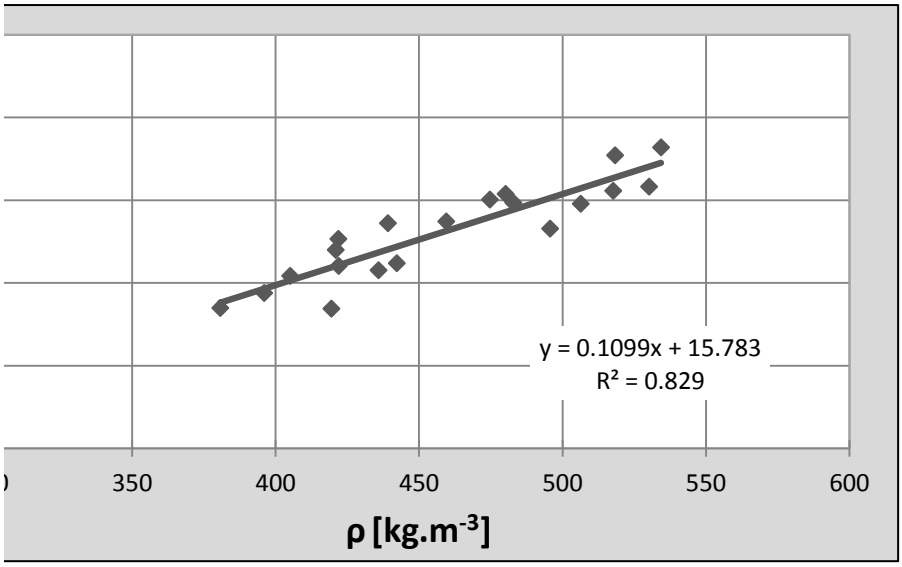

CS C (L)
60
50
40

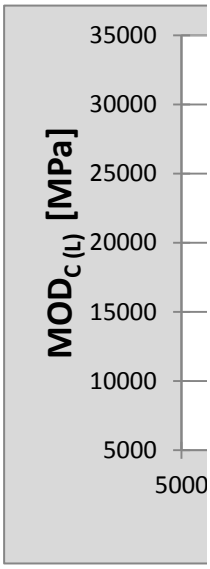

y = 0.2675x + 7.4981
R² = 0.7381
60
70
80
90
100
110
MOR B (R) [MPa]

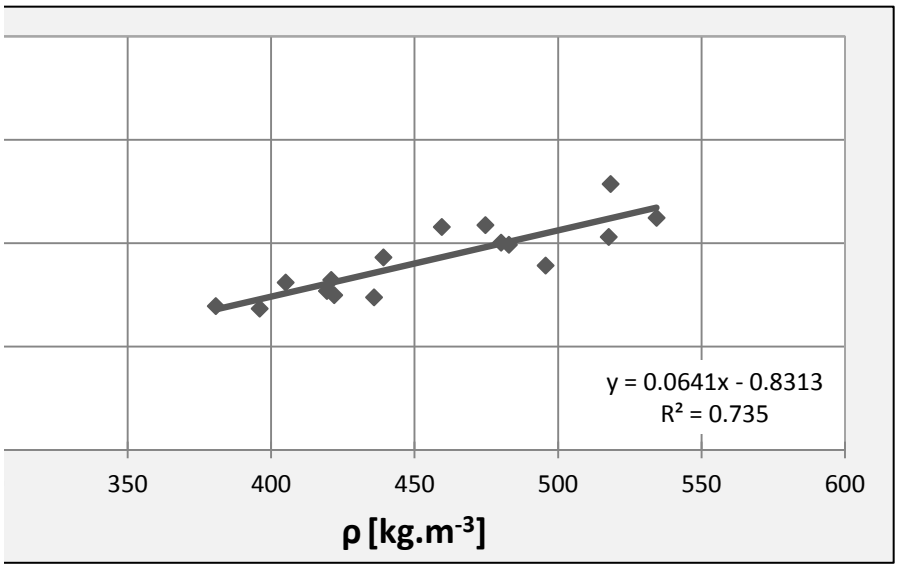

CS C (T) [MPa]
50
40
30
20
10

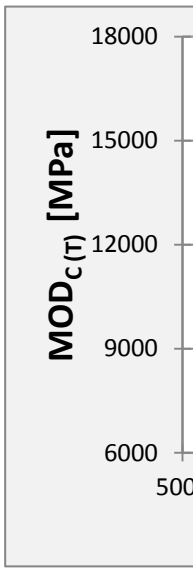

y = 0.6395x + 14.596
R² = 0.8344
65
70
75
80
85
90
95
100
DIC CS C (L) [MPa]

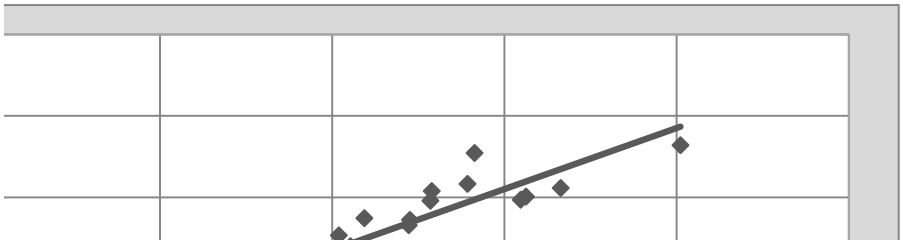

MOD C (L) [MPa]
3500
3000
2500
2000
1500
1000

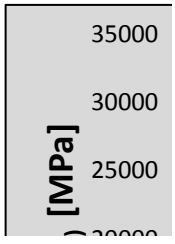

y = 0.1099x + 15.783
R² = 0.829
350
400
450
500
550
600
ρ [kg.m-3]

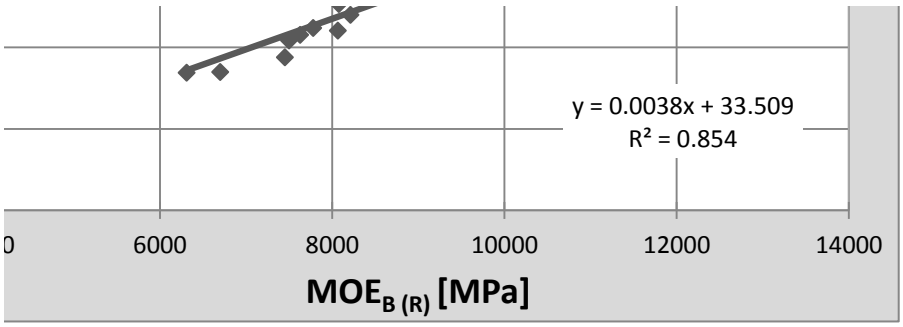

35000
30000
25000
20000
15000
10000
5000
MOD C (L) [MPa]

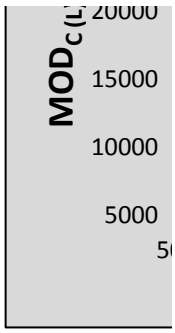

y = 0.0641x - 0.8313
R² = 0.735
350
400
450
500
550
600
ρ [kg.m-3]

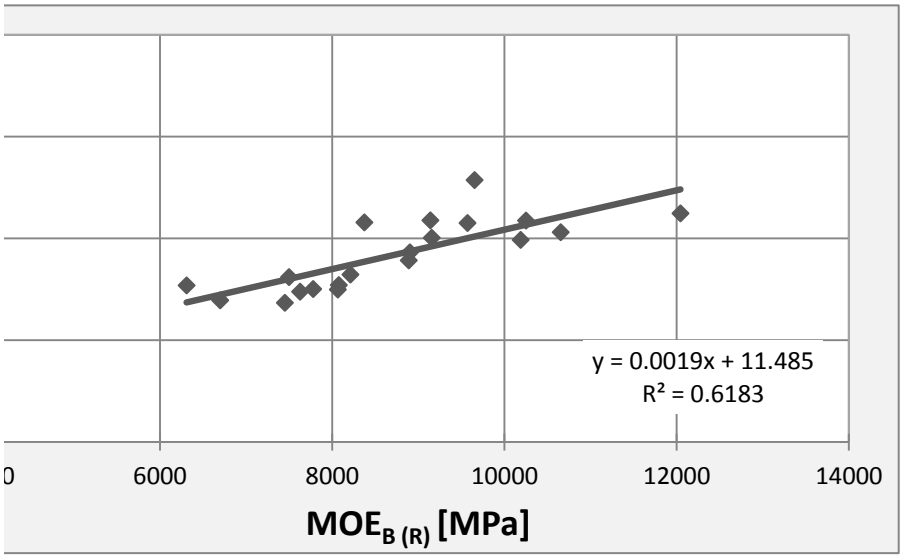

18000
15000
12000
9000
6000
MOD C (T) [MPa]

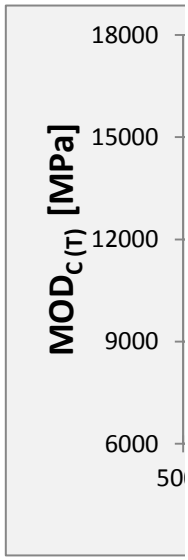


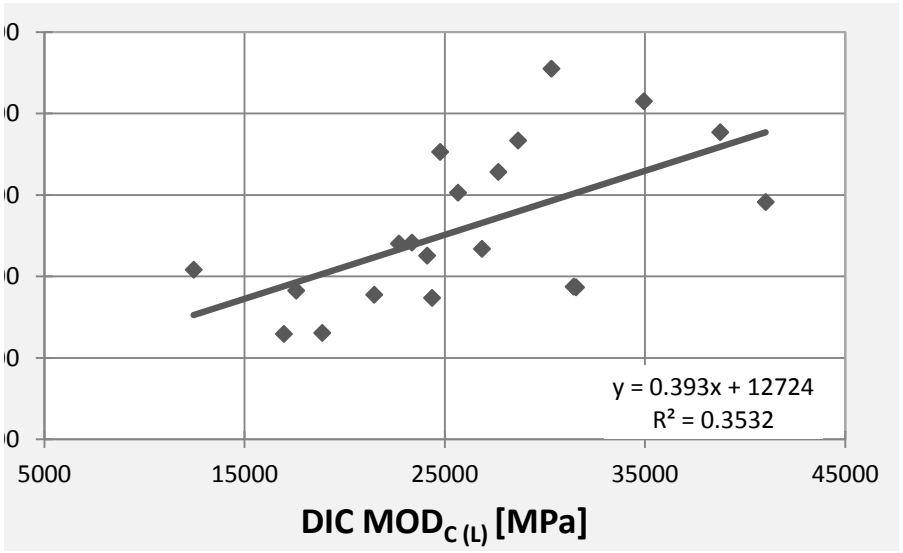

35000
30000
25000
[MPa]

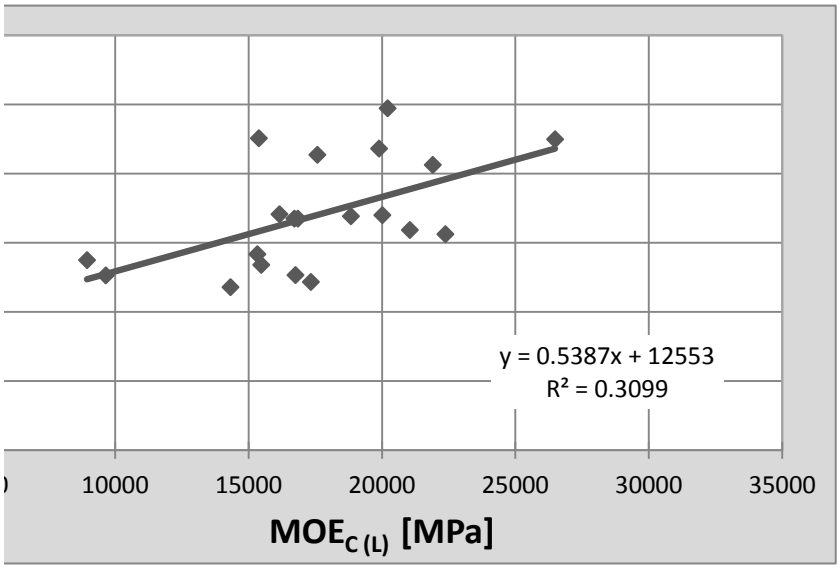

y = 0.0038x + 33.509
R² = 0.854
6000
8000
10000
12000
14000
MOE B (R) [MPa]

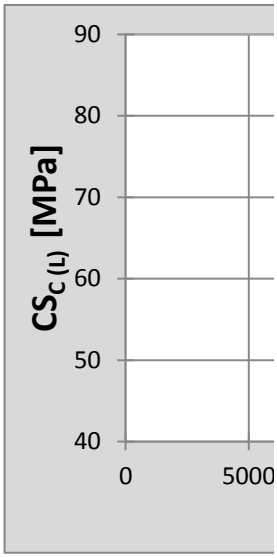

20000
15000
10000
5000

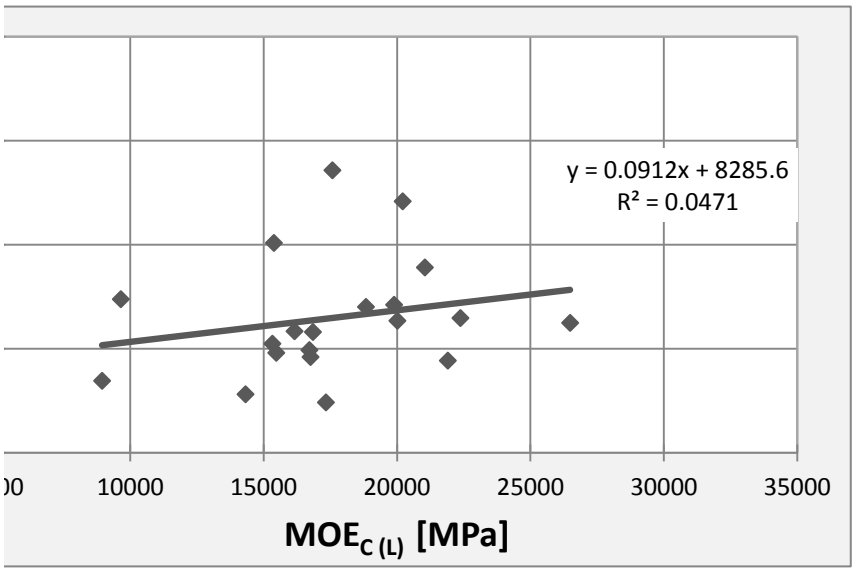

y = 0.0019x + 11.485
R² = 0.6183
6000
8000
10000
12000
14000
MOE B (R) [MPa]

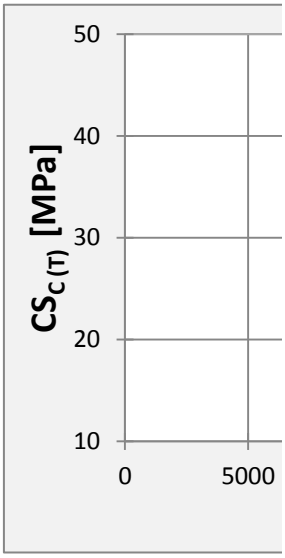

18000
15000
12000
9000
6000
MOD C (T) [MPa]

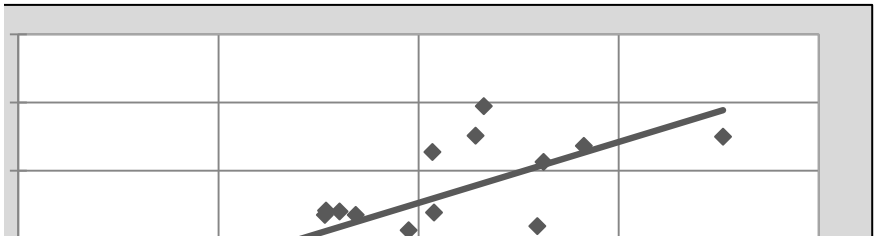

y = 0.393x + 12724
R² = 0.3532
5000
15000
25000
35000
45000
DIC MOD C (L) [MPa]

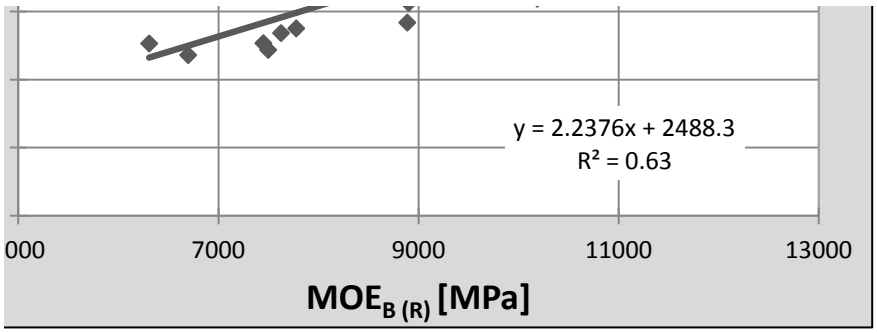

y = 0.5387x + 12553
R² = 0.3099
10000
15000
20000
25000
30000
35000
MOE C (L) [MPa]

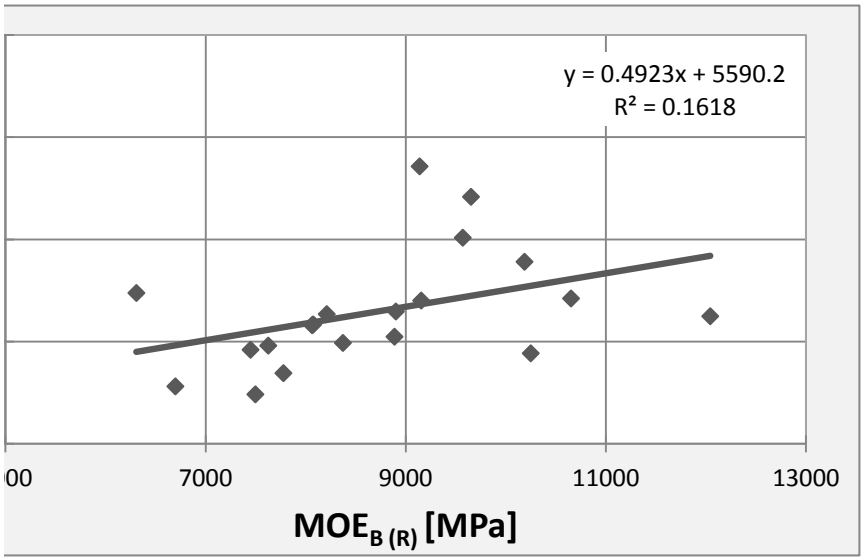

90
80
70
60
50
40
CS C (L) [MPa]
0
5000

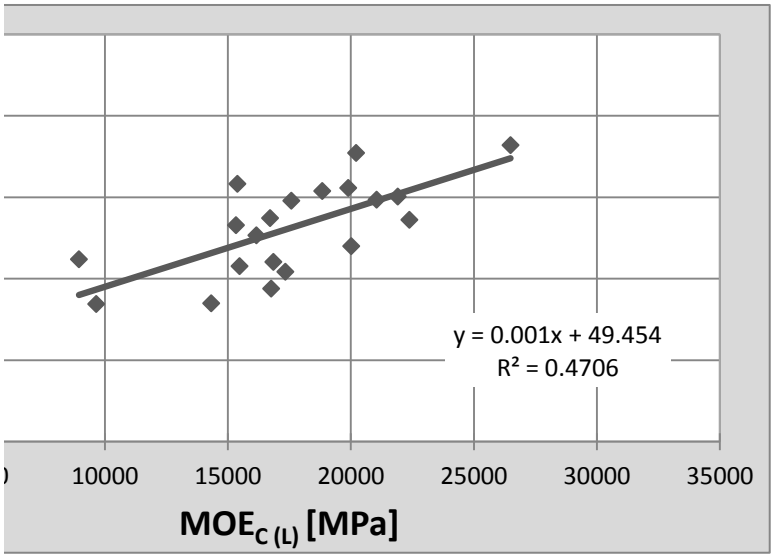

y = 0.0912x + 8285.6
R² = 0.0471
10000
15000
20000
25000
30000
35000
MOE C (L) [MPa]

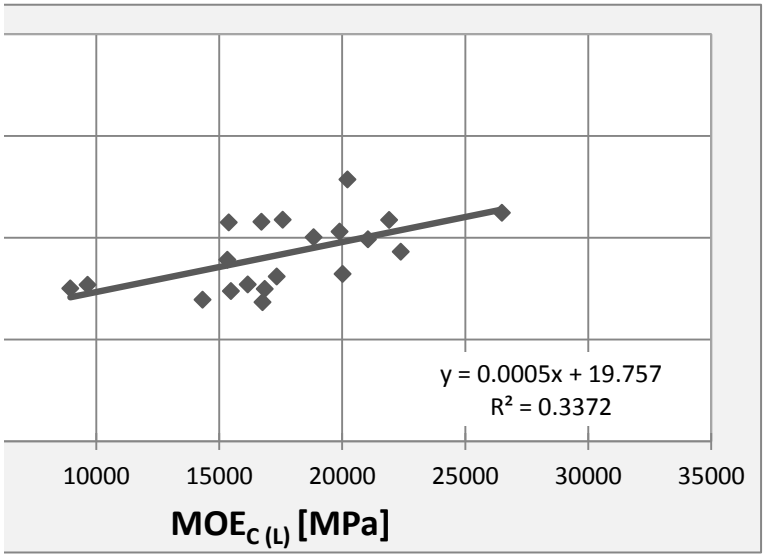

50
40
30
20
10
CS C (T) [MPa]
0
5000




y = 2.2376x + 2488.3
R² = 0.63
000
7000
9000
11000
13000
MOE B (R) [MPa]


y = 0.4923x + 5590.2
R² = 0.1618
00
7000
9000
11000
13000
MOE B (R) [MPa]


y = 0.001x + 49.454
R² = 0.4706
10000
15000
20000
25000
30000
35000
MOE C (L) [MPa]


y = 0.0005x + 19.757
R² = 0.3372
10000
15000
20000
25000
30000
35000
MOE C (L) [MPa]

| OHYB | | Tlak | | |
|---|---|---|---|---|
| 20 x 20 x 300 mm | | 20 x 20 x 30 mm | | sm |
| $MOE_{B\,(R)}$ [Mpa] | $MOR_{B\,(R)}$ [Mpa] | $MOE_{C\,(L)}$ [Mpa] | $\sigma_{C\,(L)}$ [Mpa] | $CS_{C\,(L)}$ [Mpa] |
| 14530.38 | 122.26 | 28188.27 | 59.49 | 92.96 |
| 11940.88 | 99.20 | 25661.57 | 61.70 | 85.07 |
| 12568.42 | 98.97 | 30468.58 | 56.47 | 77.63 |
| 9136.33 | 82.74 | 34963.19 | 58.25 | 75.32 |
| 7938.24 | 68.09 | 18901.02 | 51.57 | 71.97 |
| 6887.46 | 65.96 | 19873.91 | 53.21 | 71.58 |
| 5977.40 | 54.86 | 26092.63 | 48.37 | 69.34 |
| 5988.24 | 57.50 | 13378.59 | 46.62 | 67.27 |
| 11243.20 | 98.92 | 13125.63 | 39.72 | 61.69 |
| 8511.03 | 87.54 | 10624.69 | 39.28 | 72.42 |
| 8982.57 | 83.54 | 12429.97 | 32.52 | 50.01 |
| 9873.46 | 94.04 | 13545.17 | 33.74 | 61.81 |
| 11632.71 | 94.07 | 14112.36 | 30.37 | 50.15 |
| 10909.46 | 93.37 | 11253.12 | 30.18 | 50.62 |
| 9053.56 | 79.72 | 17581.86 | 32.73 | 55.08 |
| 9155.90 | 82.64 | 16860.68 | 29.32 | 54.04 |
| 8761.89 | 78.73 | 18305.77 | 49.52 | 77.91 |
| 9155.99 | 80.85 | 34745.99 | 49.98 | 83.36 |
| 9181.06 | 78.06 | 19843.49 | 47.17 | 70.49 |
| 8452.74 | 89.76 | 21216.23 | 46.83 | 62.09 |
| 8896.47 | 76.31 | 14824.63 | 51.68 | 75.78 |
| 7428.85 | 70.22 | 25307.59 | 49.54 | 80.83 |
| 7331.53 | 67.81 | 31018.44 | 54.30 | 76.31 |
| 6332.61 | 58.38 | 18437.00 | 53.62 | 76.71 |
| 9811.67 | 84.22 | 15437.40 | 49.30 | 79.14 |
| 9295.73 | 79.87 | 29434.53 | 50.28 | 73.76 |
| 7413.98 | 63.48 | 14839.01 | 51.05 | 71.50 |
| 6322.03 | 55.73 | 15754.81 | 49.36 | 67.89 |
| 8395.33 | 71.00 | 17745.77 | 43.13 | 66.19 |
| 7577.97 | 67.24 | 13759.94 | 42.14 | 66.75 |
| 7866.36 | 73.17 | 12261.49 | 46.65 | 69.08 |
| 5957.27 | 58.58 | 17490.95 | 46.40 | 63.28 |
| 11247.70 | 91.32 | 12926.60 | 45.36 | 77.45 |
| 9277.02 | 84.38 | 15225.01 | 46.12 | 71.64 |
| 8019.64 | 72.95 | 17451.68 | 42.05 | 71.28 |
| 7061.52 | 60.76 | 26507.27 | 42.96 | 65.06 |
| 8638.84 | 67.85 | 18245.17 | 44.49 | 68.58 |
| 8063.31 | 72.97 | 15144.21 | 39.70 | 61.81 |
| 7549.42 | 70.58 | 18422.09 | 42.57 | 60.66 |
| 6253.13 | 59.86 | 9174.75 | 43.35 | 56.09 |
| 10619.07 | 89.16 | 13311.90 | 43.81 | 72.22 |
| 9937.33 | 86.52 | 11361.76 | 44.22 | 82.53 |
| 10339.86 | 88.70 | 24716.48 | 41.36 | 57.78 |
| 10103.67 | 83.14 | 25987.88 | 41.03 | 61.04 |

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|---|---|---|---|---|
| 9064.57 | 80.87 | 20973.47 | 34.49 | 52.05 |
| 8604.90 | 82.61 | 34215.51 | 32.45 | 51.63 |
| 8517.60 | 77.94 | 19164.00 | 34.40 | 53.96 |
| 7303.14 | 60.35 | 14910.52 | 30.89 | 55.60 |
| 10600.89 | 91.21 | 9517.66 | 44.00 | 80.03 |
| 10506.02 | 99.04 | 10615.98 | 45.03 | 79.94 |
| 11148.16 | 90.95 | 17761.93 | 44.13 | 65.94 |
| 10356.28 | 90.95 | 18497.29 | 46.09 | 64.50 |
| 11063.13 | 89.50 | 21717.34 | 37.11 | 56.58 |
| 9015.02 | 79.26 | 11011.14 | 37.33 | 50.17 |
| 8265.64 | 77.45 | 17933.41 | 30.97 | 57.47 |
| 8276.28 | 72.16 | 19681.89 | 31.66 | 57.35 |
| 9102.47 | 76.37 | 9694.88 | 40.90 | 70.27 |
| 8712.66 | 75.64 | 20030.92 | 40.01 | 68.34 |
| 8006.09 | 73.48 | 21691.83 | 37.82 | 58.59 |
| 6434.88 | 43.98 | 31346.87 | 40.21 | 60.49 |
| 7120.21 | 72.69 | 22512.92 | 34.61 | 56.79 |
| 7401.49 | 70.43 | 24030.70 | 38.13 | 57.36 |
| 5422.00 | 54.17 | 29054.80 | 33.29 | 54.50 |
| 5288.19 | 53.90 | 14550.09 | 29.15 | 43.93 |
| 11401.04 | 102.58 | 15796.31 | 48.04 | 85.36 |
| 9374.58 | 81.10 | 16381.97 | 48.32 | 77.64 |
| 5623.96 | 55.00 | 10450.80 | 46.98 | 69.08 |
| 5903.07 | 54.36 | 30183.93 | 47.89 | 64.69 |
| 12615.00 | 105.16 | 12354.42 | 39.00 | 66.79 |
| 9328.74 | 94.17 | 12693.04 | 38.15 | 62.37 |
| 8619.84 | 88.78 | 12665.90 | 34.89 | 58.87 |
| 7718.13 | 77.90 | 27162.98 | 36.34 | 53.00 |
| 9801.46 | 81.15 | 21543.51 | 44.61 | 71.15 |
| 8433.69 | 79.74 | 19274.18 | 45.49 | 69.63 |
| 6796.69 | 68.31 | 23577.33 | 43.82 | 61.31 |
| 6078.46 | 60.91 | 18885.12 | 45.10 | 61.32 |
| 9441.26 | 90.49 | 18812.58 | 40.46 | 55.49 |
| 8819.42 | 87.14 | 18801.45 | 40.12 | 60.42 |
| 8970.58 | 81.01 | 17019.60 | 35.09 | 56.21 |
| 9325.52 | 76.68 | 13304.54 | 37.54 | 56.78 |
| | | 13477.18 | 49.78 | 83.09 |
| | | 22237.85 | 50.34 | 71.08 |
| | | 17373.82 | 46.37 | 70.97 |
| | | 17121.34 | 48.93 | 59.66 |
| | | 14372.18 | 45.03 | 67.14 |
| | | 17118.72 | 45.05 | 67.05 |
| | | 27778.39 | 43.95 | 70.50 |
| | | 19539.38 | 44.61 | 71.20 |
| | | 22946.79 | 42.37 | 69.28 |
| | | 24435.52 | 42.88 | 68.43 |
| | | 11778.49 | 37.98 | 65.74 |
| | | 18402.82 | 43.15 | 60.30 |
| | | 24961.81 | 43.80 | 69.26 |
| | | 20008.53 | 44.54 | 69.51 |

| | | | | |
|---|---|---|---|---|
| | | 18176.59 | 39.68 | 68.87 |
| | | 28212.18 | 40.91 | 68.10 |
| | | 17159.36 | 50.79 | 82.61 |
| | | 14248.15 | 51.12 | 80.12 |
| | | 15338.66 | 53.52 | 75.51 |
| | | 12569.07 | 54.48 | 70.27 |
| | | 12098.09 | 51.01 | 67.37 |
| | | 21372.24 | 50.76 | 64.83 |
| | | 15014.50 | 49.21 | 64.85 |
| | | 14283.99 | 48.65 | 63.56 |
| | | 14948.63 | 53.47 | 86.53 |
| | | 21074.71 | 53.49 | 91.85 |
| | | 13052.45 | 46.11 | 66.75 |
| | | 22934.48 | 47.23 | 69.46 |
| | | 9852.51 | 42.76 | 62.16 |
| | | 11332.17 | 42.86 | 62.81 |
| | | 9694.41 | 43.08 | 63.23 |
| | | 12713.92 | 43.39 | 63.32 |
| | | 10365.53 | 41.03 | 72.92 |
| | | 8736.65 | 42.52 | 70.22 |
| | | 6150.91 | 39.53 | 60.66 |
| | | 8320.76 | 40.08 | 63.94 |
| | | 20081.46 | 38.67 | 55.10 |
| | | 15642.02 | 39.74 | 60.40 |
| | | 14030.97 | 37.08 | 54.75 |
| | | 17184.75 | 38.91 | 58.47 |
| | | 23406.79 | 36.87 | 57.97 |
| | | 10880.01 | 37.87 | 64.63 |
| | | 17363.48 | 38.08 | 60.38 |
| | | 10665.01 | 39.03 | 54.27 |
| | | 14450.82 | 30.69 | 53.71 |
| | | 16446.59 | 30.60 | 51.37 |
| | | 13277.92 | 26.13 | 56.82 |
| | | 14774.47 | 27.82 | 55.98 |
| | | 18222.35 | 50.61 | 93.66 |
| | | 12777.82 | 52.54 | 85.10 |
| | | 13275.68 | 45.22 | 70.38 |
| | | 19850.31 | 46.03 | 69.74 |
| | | 9723.84 | 31.90 | 52.60 |
| | | 11878.89 | 31.20 | 51.85 |
| | | 12429.14 | 30.12 | 48.08 |
| | | 10804.65 | 31.61 | 51.20 |
| | | 7065.01 | 55.45 | 85.49 |
| | | 5618.26 | 54.66 | 88.20 |
| | | 7174.08 | 51.01 | 75.15 |
| | | 6851.74 | 50.28 | 79.41 |
| | | 17780.82 | 48.24 | 67.86 |
| | | 13950.18 | 47.93 | 65.48 |
| | | 11054.86 | 42.50 | 58.64 |
| | | 7983.92 | 41.87 | 52.93 |

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|---|---|---|---|---|
| | | 29057.92 | 44.19 | 76.35 |
| | | | 44.18 | 74.72 |
| | | | 41.41 | 71.64 |
| | | | 42.46 | 67.84 |
| | | | 38.38 | 50.56 |
| | | | 39.82 | 55.06 |
| | | | 33.32 | 48.41 |
| | | | 33.06 | 54.51 |
| | | | 47.08 | 77.23 |
| | | | 47.67 | 79.32 |
| | | | 45.96 | 72.29 |
| | | | 45.20 | 73.05 |
| | | | 42.54 | 64.28 |
| | | | 42.21 | 64.24 |
| | | | 39.68 | 64.98 |
| | | | 41.16 | 61.19 |

| wood testKLOIBer | | |
|---|---|---|
| ěr L | směr T | |
| $MOD_{C\,(L)}$ [Mpa] | $CS_{C\,(T)}$ [Mpa] | $MOD_{C\,(R)}$ [Mpa] |
| 41370.48 | 42.04 | 12262.55 |
| 40821.45 | 39.65 | 11808.71 |
| 27138.39 | 35.07 | 8432.45 |
| 30555.79 | 35.83 | 8419.28 |
| 26761.02 | 27.44 | 10823.41 |
| 23640.56 | 27.95 | 10168.71 |
| 14218.77 | 26.18 | 8350.53 |
| 15416.93 | 25.44 | 7693.70 |
| 22668.54 | 24.96 | 9248.67 |
| 25890.87 | 25.52 | 9356.83 |
| 18725.48 | 21.00 | 8568.88 |
| 19525.71 | 23.78 | 8563.17 |
| 12498.61 | 22.41 | 6682.80 |
| 10942.67 | 23.33 | 6299.58 |
| 13097.35 | 24.01 | 6576.76 |
| 11012.90 | 26.29 | 6198.45 |
| 35892.64 | 32.29 | 13656.07 |
| 37926.04 | 35.48 | 12795.88 |
| 23898.57 | 33.58 | 12998.44 |
| 28921.49 | 36.21 | 14217.73 |
| 34337.32 | 37.38 | 12865.43 |
| 32943.20 | 37.39 | 13634.51 |
| 22312.54 | 36.92 | 11149.57 |
| 21618.07 | 36.53 | 14680.80 |
| 31057.93 | 32.45 | 13302.21 |
| 35420.61 | 30.79 | 14414.27 |
| 20324.90 | 30.97 | 12099.16 |
| 18411.13 | 33.96 | 13769.40 |
| 15538.94 | 27.91 | 8278.92 |
| 16941.77 | 29.06 | 7674.48 |
| 14088.73 | 26.69 | 11166.77 |
| 15640.97 | 26.94 | 10039.45 |
| 27963.74 | 27.59 | 10748.01 |
| 22384.28 | 28.69 | 10484.12 |
| 23794.12 | 25.01 | 10518.88 |
| 18748.35 | 27.97 | 10152.30 |
| 16669.27 | 31.31 | 8191.71 |
| 15165.19 | 24.61 | 6748.78 |
| 16500.54 | 28.69 | 8399.50 |
| 12207.55 | 28.82 | 7912.47 |
| 28266.78 | 31.12 | 12412.20 |
| 30713.91 | 36.28 | 12561.57 |
| 15201.55 | 23.57 | 5679.66 |
| 17730.62 | 25.02 | 6379.87 |

| | | |
|---|---|---|
| 9597.69 | 22.18 | 5251.05 |
| 11772.58 | 24.61 | 5680.75 |
| 11298.05 | 22.15 | 5842.38 |
| 12812.30 | 24.60 | 5812.37 |
| 31714.43 | 31.97 | 13774.33 |
| 34659.37 | 30.37 | 11815.27 |
| 26781.03 | 26.20 | 10084.99 |
| 23494.19 | 26.07 | 9787.51 |
| 18170.24 | 23.71 | 8093.19 |
| 10393.34 | 23.49 | 6745.25 |
| 15118.09 | 25.92 | 8963.27 |
| 15698.12 | 23.82 | 9188.21 |
| 27540.29 | 26.26 | 11047.46 |
| 32512.10 | 26.62 | 11220.20 |
| 19292.23 | 23.96 | 9034.27 |
| 18454.79 | 25.36 | 8876.16 |
| 13524.11 | 21.59 | 7695.08 |
| 12026.48 | 23.17 | 8590.59 |
| 10484.93 | 21.73 | 6753.88 |
| 7518.07 | 20.67 | 6875.60 |
| 34129.62 | 31.40 | 13270.40 |
| 34240.82 | 32.84 | 12714.11 |
| 19721.23 | 28.67 | 9411.72 |
| 17638.45 | 28.43 | 9701.44 |
| 17721.39 | 27.91 | 8045.78 |
| 15320.69 | 26.73 | 8936.89 |
| 16444.80 | 25.58 | 9479.72 |
| 9790.29 | 27.45 | 7514.21 |
| 25574.40 | 25.31 | 11647.16 |
| 27720.36 | 26.35 | 10346.82 |
| 20799.47 | 23.59 | 9712.51 |
| 22582.96 | 26.24 | 8884.79 |
| 17357.37 | 24.35 | 6677.54 |
| 13762.87 | 23.65 | 8089.03 |
| 9045.91 | 25.11 | 7532.83 |
| 10425.59 | 23.47 | 8167.83 |
| 40234.70 | 34.40 | 9627.27 |
| 38542.58 | 34.30 | 8315.90 |
| 25782.09 | 32.40 | 7646.66 |
| 23342.52 | 30.83 | 7950.44 |
| 20465.87 | 31.98 | 10903.95 |
| 23187.27 | 30.04 | 11218.25 |
| 14598.80 | 31.64 | 6565.27 |
| 18954.59 | 28.39 | 7026.09 |
| 31743.48 | 35.21 | 10338.55 |
| 30317.43 | 32.29 | 10505.10 |
| 18418.74 | 28.52 | 7305.16 |
| 20238.49 | 29.04 | 8122.84 |
| 23461.30 | 30.53 | 8268.32 |
| 18846.55 | 32.50 | 9545.47 |

| | | |
|---|---|---|
| 15648.13 | 32.20 | 8617.93 |
| 15333.17 | 32.23 | 8984.14 |
| 40711.37 | 33.29 | 11869.02 |
| 39266.56 | 35.03 | 11289.56 |
| 35177.92 | 30.72 | 11537.41 |
| 26320.97 | 30.17 | 9882.54 |
| 21512.14 | 31.66 | 9771.63 |
| 23270.59 | 31.50 | 9756.05 |
| 13162.07 | 26.25 | 8813.70 |
| 15105.50 | 26.17 | 9214.76 |
| 36760.07 | 32.38 | 12619.77 |
| 37697.90 | 35.39 | 14918.72 |
| 17261.87 | 28.80 | 8925.37 |
| 23554.27 | 29.95 | 9679.57 |
| 15523.09 | 29.06 | 8750.15 |
| 14368.20 | 27.57 | 8492.50 |
| 14931.32 | 28.61 | 9030.90 |
| 15310.53 | 28.64 | 9226.18 |
| 36204.42 | 27.42 | 12339.18 |
| 33204.65 | 26.96 | 12097.09 |
| 21642.29 | 24.50 | 8986.63 |
| 22381.36 | 25.92 | 11645.64 |
| 14615.20 | 24.05 | 6503.43 |
| 19353.06 | 25.94 | 9368.29 |
| 12468.89 | 21.50 | 6490.01 |
| 14130.21 | 23.48 | 8422.56 |
| 30500.72 | 28.49 | 14543.44 |
| 29472.54 | 29.96 | 14335.38 |
| 14927.03 | 24.67 | 10187.20 |
| 18131.25 | 25.15 | 9145.20 |
| 11698.11 | 22.72 | 6953.69 |
| 10129.56 | 21.63 | 7876.67 |
| 13562.67 | 25.98 | 10667.10 |
| 12745.93 | 24.41 | 9710.35 |
| 37983.89 | 34.35 | 14734.81 |
| 37893.78 | 33.98 | 15079.60 |
| 26808.36 | 28.55 | 11092.25 |
| 28469.72 | 28.79 | 10794.93 |
| 13445.50 | 18.49 | 6096.07 |
| 11039.44 | 18.82 | 5995.46 |
| 10129.84 | 20.11 | 5529.28 |
| 10776.51 | 20.20 | 6712.49 |
| 38324.84 | 36.32 | 13944.15 |
| 30554.77 | 33.29 | 15013.05 |
| 29407.89 | 35.73 | 14197.59 |
| 27271.96 | 33.06 | 13629.40 |
| 32240.21 | 25.45 | 9274.55 |
| 31370.96 | 31.11 | 12460.16 |
| 16999.53 | 28.54 | 8925.51 |
| 14337.09 | 28.53 | 8949.61 |

| | | |
|---|---|---|
| 30334.53 | 27.56 | 10553.55 |
| 31129.03 | 24.47 | 10497.46 |
| 20227.66 | 26.12 | 9465.56 |
| 23922.40 | 25.43 | 7805.44 |
| 14303.76 | 24.89 | 7144.53 |
| 12279.59 | 25.77 | 7029.68 |
| 8932.98 | 24.21 | 6293.76 |
| 8874.49 | 21.72 | 5804.94 |
| 36096.74 | 32.94 | 19211.65 |
| 35547.08 | 36.03 | 16194.26 |
| 33721.55 | 30.86 | 16271.84 |
| 31774.61 | 30.94 | 17359.78 |
| 23086.66 | 30.33 | 11807.91 |
| 23696.57 | 29.45 | 11638.03 |
| 14350.80 | 33.04 | 11411.18 |
| 12659.00 | 30.54 | 9254.89 |

| N platných | Průměr |
|---|---|
| 80 | 8726.03 |
| 80 | 78.03 |
| 145 | 17287.49 |
| 160 | 42.95 |
| 160 | 66.24 |
| 160 | 22014.09 |
| 160 | 28.37 |
| 160 | 9886.35 |

| | OHYB | |
|---|---|---|
| Popisné statistiky | **$MOE_{B\ (R)}$ [Mpa]** | **$MOR_{B\ (R)}$ [Mpa]** |
| **Střední hodnota** | **8726.03** | **78.03** |
| **Medián** | 8737.28 | 78.99 |
| **Sm.odch.** | 1836.14 | 14.30 |
| Minimum | 5288.19 | 43.98 |
| Maximum | 14530.38 | 122.26 |
| Šikmost | 0.40 | 0.10 |
| Špičatost | 0.33 | 0.19 |
| N platných | 80.00 | 80.00 |

| Medián | Minimum | Maximum | Sm.odch. | Šikmost | Špičatost |
|---|---|---|---|---|---|
| 8737.28 | 5288.191 | 14530.38 | 1836.143 | 0.397064 | 0.330080 |
| 78.99 | 43.977 | 122.26 | 14.302 | 0.095933 | 0.192504 |
| 16860.68 | 5618.256 | 34963.19 | 6312.316 | 0.700733 | 0.138596 |
| 43.14 | 26.134 | 61.70 | 7.054 | -0.081418 | -0.293777 |
| 66.06 | 43.933 | 93.66 | 10.173 | 0.352638 | -0.254796 |
| 20233.07 | 7518.070 | 41370.48 | 8907.058 | 0.447591 | -0.936679 |
| 27.96 | 18.486 | 42.04 | 4.558 | 0.325706 | -0.349019 |
| 9390.01 | 5251.052 | 19211.65 | 2702.191 | 0.655680 | 0.201001 |

| Tlak | | wood testKLOIBer | | | |
|---|---|---|---|---|---|
| **$MOE_{C\,(L)}$ [Mpa]** | **$\sigma_{C\,(L)}$ [Mpa]** | **$CS_{C\,(L)}$ [Mpa]** | **$MOD_{C\,(L)}$ [Mpa]** | **$CS_{C\,(T)}$ [Mpa]** | **$MOD_{C\,(R)}$ [Mpa]** |
| **17287.49** | **42.95** | **66.24** | **22014.09** | **28.37** | **9886.35** |
| 16860.68 | 43.14 | 66.06 | 20233.07 | 27.96 | 9390.01 |
| 6312.32 | 7.05 | 10.17 | 8907.06 | 4.56 | 2702.19 |
| 5618.26 | 26.13 | 43.93 | 7518.07 | 18.49 | 5251.05 |
| 34963.19 | 61.70 | 93.66 | 41370.48 | 42.04 | 19211.65 |
| 0.70 | -0.08 | 0.35 | 0.45 | 0.33 | 0.66 |
| 0.14 | -0.29 | -0.25 | -0.94 | -0.35 | 0.20 |
| 145.00 | 160.00 | 160.00 | 160.00 | 160.00 | 160.00 |