

test20L_26-0060_0_exx	test20L_26-0060_0_eyy	test20L_26-0060_0_eyx	test1-0060_0_exx
0.000156023	1.71E-04	9.78E-05	0.00239733
-1.39E-05	2.42E-04	2.68E-04	0.00237389
-9.78E-05	3.86E-04	4.14E-04	0.00234657
-7.01E-05	2.69E-04	2.98E-04	0.00233679
-8.08E-05	4.43E-04	4.37E-04	0.00228711
1.13E-05	6.93E-04	5.45E-04	0.0022369
8.06E-05	7.91E-04	5.65E-04	0.00215524
3.03E-04	1.07E-03	6.06E-04	0.00213164
0.000460498	1.21E-03	6.07E-04	0.00206328
0.000726439	1.39E-03	5.87E-04	0.0019501
0.000945413	1.40E-03	5.37E-04	0.0018317
0.000849884	1.40E-03	5.60E-04	0.00167283
0.00106466	1.40E-03	5.07E-04	0.00150345
0.00116365	1.20E-03	4.52E-04	0.00130859
1.22E-03	1.05E-03	4.22E-04	0.00110191
0.00112834	7.13E-04	3.82E-04	0.00118216
0.000983451	3.75E-04	3.65E-04	0.000970953
9.30E-04	3.16E-04	3.61E-04	0.000756703
7.95E-04	-7.34E-06	3.68E-04	0.00054497
0.000640381	-2.65E-04	3.86E-04	0.000349273
0.00064136	-0.000263447	3.86E-04	0.00015674
0.000508924	-3.87E-04	3.98E-04	-4.17E-06
0.000399262	-4.23E-04	4.01E-04	7.04E-05
4.34E-04	-0.000439909	4.05E-04	-0.000136816
3.58E-04	-3.72E-04	3.91E-04	-0.000343107
0.000306671	-2.37E-04	3.62E-04	-0.000539975
2.85E-04	-3.20E-05	3.14E-04	0
2.82E-04	2.00E-04	2.52E-04	0
0.00027767	3.71E-04	2.06E-04	-1.70E+38
2.60E-04	5.49E-04	1.58E-04	0
2.67E-04	4.81E-04	1.77E-04	-0.00140611
2.42E-04	6.31E-04	1.40E-04	0
0.000198303	7.19E-04	1.29E-04	0
2.10E-04	7.07E-04	7.71E-05	0
1.24E-04	7.56E-04	1.98E-04	-0.00177267
2.70E-05	7.96E-04	3.23E-04	-0.0017743
4.13E-05	7.91E-04	3.05E-04	-0.00179333
-8.00E-05	7.78E-04	4.66E-04	0
-2.17E-04	7.34E-04	6.45E-04	0
-2.15E-04	7.29E-04	6.30E-04	0
-3.61E-04	6.79E-04	8.41E-04	0
-5.28E-04	5.97E-04	1.06E-03	-0.0013978
-3.68E-04	6.73E-04	8.43E-04	-0.00119224
-5.31E-04	5.95E-04	1.07E-03	-0.000979851
-7.01E-04	5.18E-04	0.00129386	-0.000707619
-8.81E-04	4.45E-04	0.00151574	-0.000424721
-1.07E-03	3.79E-04	0.00174132	-0.000137378
-1.07E-03	3.76E-04	0.00173089	-0.000291354
-1.23E-03	3.32E-04	1.95E-03	-9.26E-06

-1.39E-03	3.04E-04	0.00219146	0.000271321
0.00E+00	0.00E+00	0	0.00050848
-1.41E-03	3.02E-04	0.00221393	0.000745639
-1.57E-03	2.76E-04	2.45E-03	0.000896624
-1.69E-03	2.53E-04	2.68E-03	0.00104308
-1.78E-03	2.13E-04	0.00295517	0.00108804
-1.83E-03	1.54E-04	0.00322557	0.00111733
-1.82E-03	6.85E-05	0.00342511	0.00110077
-1.80E-03	-5.95E-05	0.00368372	0.00110486
-1.74E-03	-2.34E-04	0.0039106	0.00101821
-1.77E-03	-1.42E-04	3.79E-03	0.00091887
-1.70E-03	-3.29E-04	0.00399624	0.000737317
-1.59E-03	-5.61E-04	0.00413244	0.000552599
-0.0014571	-8.19E-04	4.15E-03	0.000307679
-0.00145885	-8.04E-04	4.14E-03	6.28E-05
-1.32E-03	-1.06E-03	4.10E-03	-0.00020845
-1.17E-03	-1.30E-03	3.91E-03	-2.51E-05
-1.13E-03	-1.36E-03	0.00385925	-0.000339578
-9.77E-04	-1.52E-03	0.00350787	-0.000648854
-1.05E-03	-1.45E-03	3.67E-03	-0.000950453
-8.93E-04	-1.60E-03	0.00330643	-0.00123746
-0.000752932	-1.60E-03	2.80E-03	-0.00149509
-0.000748086	-1.60E-03	0.00278326	-0.00173016
-0.000627047	-1.51E-03	0.00222865	-0.00189874
-0.000524469	-1.32E-03	0.00163076	-0.00183504
-4.78E-04	-9.85E-04	1.01E-03	-0.00197772
-4.82E-04	-1.21E-03	1.42E-03	-0.00207546
-4.68E-04	-8.65E-04	7.93E-04	-0.0021066
-5.18E-04	-4.11E-04	1.92E-04	-0.00210408
-5.48E-04	-0.000258332	1.40E-05	-0.00201155
-6.17E-04	0.000196663	-5.19E-04	-0.00189507
-0.000710934	6.37E-04	-1.00E-03	-0.00175002
-0.000824744	0.000997542	-1.39E-03	-0.00158357
-7.41E-04	7.03E-04	-1.05E-03	-0.00138593
-8.34E-04	0.00102756	-1.43E-03	-0.00151633
-0.00090744	1.24E-03	-1.74E-03	-0.00127223
-9.58E-04	1.38E-03	-2.01E-03	-0.00103276
-9.55E-04	1.42E-03	-2.22E-03	0
-9.23E-04	1.32E-03	-2.13E-03	-0.00056484
-0.00094892	0.0014435	-2.31E-03	-0.000342073
-0.000913603	0.00149834	-2.44E-03	-0.000133039
-8.31E-04	0.00153024	-2.52E-03	6.08E-05
-7.21E-04	0.00155409	-0.00257121	0.000238714
-7.43E-04	0.0015031	-2.59E-03	0.000399234
-6.24E-04	1.60E-03	-2.55E-03	0.000541631
-4.92E-04	1.71E-03	-2.50E-03	0.00067062
-0.000347369	1.84E-03	-0.00240627	0.000785031
-2.21E-04	1.98E-03	-2.28E-03	0.000816693
-0.000103028	0.00212123	-2.13E-03	0.000997678
-0.000179691	0.00201471	-2.23E-03	0.00117481

-7.31E-05	2.17E-03	-2.07E-03	0.0013327
1.52E-05	2.33E-03	-0.0018848	0.00148548
6.23E-05	2.43E-03	-1.75E-03	0.0016035
1.29E-04	2.54E-03	-1.54E-03	0.00171261
1.99E-04	0.00262165	-1.33E-03	0.0017791
1.83E-04	2.58E-03	-1.36E-03	0.00183232
0.000272242	0.00270714	-1.13E-03	0.00185613
3.86E-04	2.80E-03	-8.85E-04	0.00186756
2.84E-04	2.73E-03	-1.10E-03	0.00186163
3.99E-04	2.81E-03	-8.59E-04	0.00184344
5.40E-04	2.86E-03	-6.04E-04	0.00181871
0.000725271	2.88E-03	-3.39E-04	0.00178642
0.000937752	2.85E-03	-7.84E-05	0.00175546
8.10E-04	2.91E-03	-2.24E-04	0.00173108
1.02E-03	2.83E-03	9.50E-06	0.00169956
1.25E-03	2.71E-03	2.37E-04	0.00166201
1.39E-03	2.58E-03	3.51E-04	0.00162424
1.65E-03	2.41E-03	5.59E-04	0.00158991
1.88E-03	2.16E-03	7.09E-04	0.00163366
2.10E-03	1.85E-03	8.17E-04	0.00158885
0.00192555	2.02E-03	7.24E-04	0.00153867
0.0021657	1.75E-03	8.43E-04	0.00149928
2.38E-03	1.43E-03	9.11E-04	0.00146074
2.56E-03	1.10E-03	9.25E-04	0.00144327
0.00267418	7.85E-04	8.78E-04	0.00143612
0.00275193	5.70E-04	8.20E-04	0.00142436
0.00272324	3.03E-04	6.70E-04	0.00143661
0.00265742	8.86E-05	4.76E-04	0.00147036
0.00251935	5.37E-05	4.17E-04	0.00151001
0.00268302	-3.00E-06	3.44E-04	0.0015527
0.00282467	3.72E-06	2.46E-04	0.00158134
0.00294349	4.68E-05	1.38E-04	0.00160929
0.00277124	-4.10E-06	1.13E-04	0.00162435
0.00304426	9.65E-05	1.01E-04	0.00165648
0.00330408	1.90E-04	6.85E-05	0.00163436
0.00353738	2.78E-04	5.47E-06	0.00162185
0.00365232	3.14E-04	-3.94E-05	0.00154905
0.00381542	3.75E-04	-1.51E-04	0.00149021
0.00394553	4.12E-04	-2.65E-04	0.00151341
0.00394876	3.97E-04	-2.24E-04	0.00151504
0.00400827	4.37E-04	-3.46E-04	0.00149505
0.00405157	4.57E-04	-4.23E-04	0.00146541
4.10E-03	4.74E-04	-4.61E-04	0.00140284
4.16E-03	4.87E-04	-4.68E-04	0.00131671
4.27E-03	5.08E-04	-4.08E-04	0.00120632
0.00427639	5.10E-04	-4.02E-04	0.00106252
4.44E-03	5.28E-04	-3.11E-04	0.000947301
0.00465165	5.44E-04	-2.00E-04	0.000816663
4.54E-03	5.37E-04	-2.57E-04	0.000662184
4.80E-03	5.37E-04	-1.43E-04	0.000492981

0.00511534	5.20E-04	-3.10E-05	0.000285993
0.00515091	5.13E-04	-2.49E-05	8.19E-05
0.0055227	4.38E-04	3.88E-05	-0.00017139
0.00585264	3.32E-04	4.41E-05	-7.25E-05
0.00582989	2.23E-04	-1.66E-05	-0.000294404
5.63E-03	1.06E-04	-1.64E-04	-0.000536054
5.38E-03	3.75E-05	-2.88E-04	-0.000814192
5.13E-03	-6.23E-05	-4.82E-04	-0.0010945
4.73E-03	-9.09E-05	-6.82E-04	-0.00139176
0.00424502	-6.87E-05	-8.76E-04	-0.00167844
3.68E-03	4.99E-05	-1.04E-03	-0.00193707
3.22E-03	2.02E-04	-0.00113667	-0.00218513
2.77E-03	4.11E-04	-0.0012282	-0.00233954
2.71E-03	4.44E-04	-0.0012256	-0.00247772
2.42E-03	6.95E-04	-1.25E-03	-0.00249082
2.18E-03	9.37E-04	-1.23E-03	-0.00246202
2.27E-03	8.16E-04	-1.25E-03	-0.00249104
2.08E-03	0.00106145	-1.21E-03	-0.00251347
1.99E-03	1.16E-03	-1.19E-03	-0.00242419
0.001856	0.00133927	-0.00109596	-0.00231372
0.00170904	1.50E-03	-9.85E-04	-0.00212001
1.55E-03	1.60E-03	-0.00082953	-0.00189773
1.50E-03	1.60E-03	-0.000781264	-0.00166401
1.31E-03	0.00169811	-0.000580227	-0.00142477
1.43E-03	1.65E-03	-7.03E-04	-0.00122706
1.23E-03	1.73E-03	-0.000497151	-0.00144985
1.01E-03	1.79E-03	-0.00023547	-0.00121054
7.96E-04	1.80E-03	4.00E-05	-0.000993438
7.70E-04	1.80E-03	6.95E-05	-0.000842389
0.000565326	1.80E-03	0.000368849	-0.000747362
4.84E-04	1.78E-03	4.90E-04	-0.000711327
0.000310781	0.00176854	8.07E-04	-0.000745116
1.64E-04	1.69E-03	1.12E-03	-0.000720121
3.43E-05	1.57E-03	1.40E-03	-0.000896047
8.65E-05	0.00161355	1.27E-03	-0.00108829
-3.62E-05	0.0014703	0.00155129	-0.00126768
-0.000150077	0.00128888	1.80E-03	-0.00142648
-1.40E-04	1.31E-03	0.00179779	-0.00129382
-2.61E-04	1.06E-03	1.99E-03	-0.00143722
-0.000375753	7.97E-04	2.16E-03	-0.00155454
-0.000364806	8.21E-04	2.14E-03	-0.00164761
-4.88E-04	5.42E-04	2.26E-03	-0.00170842
-0.000607211	2.57E-04	2.37E-03	-0.00171688
-0.000502901	5.33E-04	0.00230742	-0.00169992
-0.000617062	2.31E-04	2.37E-03	-0.00171718
-7.33E-04	-4.61E-05	2.40E-03	-0.00163035
-8.16E-04	-2.33E-04	2.42E-03	-0.00152639
-9.25E-04	-4.62E-04	2.45E-03	-0.00135072
-9.59E-04	-5.10E-04	2.45E-03	-0.00115679
-0.000983319	-5.72E-04	2.45E-03	-0.000958888

-0.0010742	-7.65E-04	2.44E-03		-0.000762749
0.00585264	0.00290565	0.00414853	0	1.70141E+38
0.585264	0.290565	0.414853	0	1.70141E+40

test1-0060_0_eyy	test1-0060_0_eyx	2L	test2L-0060_0_exx	test2L-0060_0_eyy
0.000845989	-0.000255421		0.00174026	0.000650445
0.000813487	-0.000296777		0.00171872	0.000672144
0.000775306	-0.000335594		0.00167625	0.000688981
0.000761632	-0.000349496		0.00159967	0.000690319
0.000718821	-0.000386839		0.00150942	0.000682679
0.0006759	-0.000424147		0.0014031	0.000662601
6.45E-04	-0.000462036		0.00129882	0.000625889
6.36E-04	-0.000468888		0.00120676	0.00058102
6.14E-04	-0.000507845		0.00119619	0.000571873
6.14E-04	-0.000545139		0.00112788	0.000516926
0.000615109	-0.000583456		0.00111429	0.000448498
0.000637661	-0.000614956		0.00112832	0.000377475
0.000663813	-0.000647033		0.00117326	0.00030386
0.000702636	-0.000662332		0.00119621	0.000285494
0.000745843	-0.000673841		0.00127602	0.000227457
0.000733322	-0.000671237		0.0013502	0.000184338
0.000771204	-0.000669801		0.00141321	0.000151712
0.000809404	-0.000644335		0.00144501	0.000134989
0.000845314	-0.000610373		0.00143116	0.000136815
0.000871948	-5.47E-04		0.00141117	0.00015883
0.000895884	-0.000478298		0.0013246	0.00020907
9.02E-04	-3.80E-04		0.00120695	0.000258303
8.66E-04	-3.93E-04		1.84E-40	2.34E-38
9.21E-04	-0.000311301		0.000888483	0.000338633
9.57E-04	-0.000197908		1.84E-40	2.34E-38
9.79E-04	-6.42E-05		0.000837119	0.00035212
0.00E+00	0		1.84E-40	2.34E-38
-1.70E+38	-1.70E+38		0.000517957	0.000379646
0	0		0.000366186	0.000390867
0	0		0.000242095	0.000389523
0.000799229	0.00106048		0.000127158	0.000393134
0	0		0.000198104	0.000456584
0	0		0.000126128	0.000392843
0.00E+00	0.00E+00		7.11E-05	0.000336748
6.33E-04	1.98E-03		2.37E-05	0.000288163
6.57E-04	1.94E-03		-1.07E-06	0.000274759
0.000581349	2.21E-03		-2.62E-05	0.000275931
0	0.00E+00		-4.01E-05	0.000287533
0	0.00E+00		-5.10E-05	0.000306394
-1.70E+38	0.00E+00		-5.71E-05	0.00031983
0	0.00E+00		-6.57E-05	0.000319257
0.000193714	3.33E-03		-6.61E-05	0.000290808
0.00011453	3.42E-03		-8.35E-05	0.000294193
2.46E-05	0.0035029		-5.73E-05	0.000240724
-7.44E-05	0.00344352		-5.31E-05	0.000172137
-0.000183317	0.003358		-6.29E-05	9.05E-05
-0.000278781	0.00315867		-0.00013348	2.20E-05
-0.00024791	0.00330059		-0.000220641	-3.45E-05
-0.000314132	0.00304581		-0.000333801	-7.43E-05

-3.78E-04	2.79E-03	-0.000489094	-6.80E-05
-3.85E-04	2.38E-03	-0.000330781	-9.33E-05
-3.91E-04	1.98E-03	-0.000510023	-6.55E-05
-0.00032738	0.00148173	-0.000715433	-5.66E-06
-2.60E-04	0.000983302	-0.000951697	9.03E-05
-1.33E-04	0.00047432	-0.00123871	0.000237433
3.32E-06	-3.63E-05	-0.00153747	0.00039302
-7.37E-05	0.000252301	-0.00185019	0.000557188
7.22E-05	-0.000245219	-0.00214614	0.000692068
0.000252716	-6.96E-04	-0.00241232	0.000796171
0.000434892	-0.00113135	-0.00237815	0.000771196
6.28E-04	-0.00147213	-0.00270472	0.000892386
8.19E-04	-0.00180539	-0.00292609	0.000923569
9.88E-04	-0.00199571	-0.00308011	0.000904953
1.16E-03	-0.00218604	-0.00313523	0.000821055
0.00129537	-0.00227973	-0.00309385	0.000698335
0.00114962	-0.00224435	-0.00300061	0.000560774
0.00137664	-0.00231426	-0.00284616	0.000430278
0.00158467	-0.00234387	-0.00266833	0.000333527
0.00175543	-0.00230247	-0.00248144	0.00026333
0.00190885	-0.00224021	-0.00230496	0.000260748
0.00201406	-2.11E-03	-0.00229463	0.000267425
0.00209675	-1.97E-03	-0.0021733	0.00027996
0.00212001	-1.78E-03	-0.00206255	0.000319872
0.00208458	-1.90E-03	-0.00196087	0.000373411
0.00213465	-1.66E-03	-0.00185416	0.000439556
0.00215193	-1.43E-03	-0.00172958	0.000506349
0.00212405	-0.00119545	-0.00155694	0.000558085
2.07E-03	-0.000961735	-0.00135735	0.000598133
1.97E-03	-0.00075436	-0.00110388	0.000620792
1.86E-03	-5.65E-04	-0.00081696	0.00061921
1.73E-03	-4.05E-04	-0.000521139	0.000600133
0.00160312	-2.77E-04	-0.000198641	0.000569918
0.00145498	-1.77E-04	0.000125287	0.00052774
0.00151819	-0.000246775	0.000436568	0.000507186
0.00138936	-0.000133771	0.000304415	0.000524877
0.00126358	-4.53E-05	0.000624018	0.000489806
0	0	0.000928077	0.00049508
1.01E-03	6.55E-05	0.00119661	0.000528418
8.91E-04	9.66E-05	0.00148087	0.000602317
0.000773625	0.000117617	0.00172891	0.000686207
0.000678989	0.000134278	0.0019304	0.00076518
0.000589674	0.000142582	0.00210959	0.000842872
0.000507462	0.000148404	0.00227553	0.000923989
0.000454307	0.000145328	0.00249377	0.000981345
0.000408521	0.000136794	0.00200495	0.000875311
0.000367368	0.000133241	0.00259843	0.000993198
0.000344294	0.000129235	0.00337348	0.00107239
0.000378434	0.000108753	0.00440655	0.00109767
0.00041349	8.97E-05	0.00542254	0.00111233

4.75E-04	3.92E-05	0.00650087	0.00113589
5.40E-04	-9.92E-06	0.00730779	0.0011511
0.000618905	-7.26E-05	0.00780304	0.00114149
0.000700415	-0.000134673	0.00774376	0.00117495
7.78E-04	-0.000189669	0.00741018	0.00112659
8.53E-04	-0.00024034	0.0077606	0.00123183
0.000907032	-0.00027225	0.00768985	0.00140025
0.000947816	-0.000296018	0.00733144	0.00155435
0.000964275	-0.00030139	0.00680339	0.00168126
0.000960233	-0.00029211	0.00608854	0.00171076
0.000936243	-0.000271339	0.00539399	0.00163456
0.000888794	-0.000237151	0.00473399	0.00148862
0.000829108	-2.00E-04	0.0042021	0.00124131
0.000770151	-1.69E-04	0.0038214	0.0009676
7.02E-04	-1.32E-04	0.00355492	0.000683664
0.000616113	-0.000100016	0.00346746	0.000428448
5.29E-04	-6.77E-05	0.00344919	0.000220173
0.000437711	-4.91E-05	0.00345684	0.000176918
0.000514958	-6.29E-05	0.00349461	2.73E-05
0.000435459	-4.87E-05	0.00355619	-6.98E-05
0.000354088	-3.49E-05	0.0035904	-0.00012402
0.000283262	-3.98E-05	0.00359708	-0.000156931
0.000213204	-4.86E-05	0.00355157	-0.000161294
0.000169383	-7.64E-05	0.00344914	-0.000133706
0.000134892	-0.000111926	0.00332181	-8.76E-05
0.000170642	-8.42E-05	0.00316712	-1.11E-05
0.000128502	-0.000117604	0.0030237	0.000101093
0.000131914	-0.000169119	0.00313244	1.34E-05
0.000147829	-0.000225594	0.00297314	0.000145344
0.000205893	-0.00028819	0.00282701	0.000324622
0.000247719	-0.000324786	0.00270115	0.000538892
0.000338945	-0.000392564	0.00261197	0.000796937
0.000463075	-0.000450038	0.00253647	0.00106534
0.000594915	-0.00050452	0.00250974	0.00119619
0.000724573	-0.000528826	0.00244009	0.0015219
0.000857709	-0.000553002	0.00239751	0.00184638
0.000953913	-0.000533585	0.002365	0.00212219
0.000964077	-0.000521278	0.00234584	0.00236364
0.00109877	-0.000507441	0.00229603	0.00246608
0.00121281	-0.000462433	0.00225031	0.00251954
0.00130727	-0.000391678	0.00215599	0.00245463
0.00139028	-0.000311605	0.00204972	0.0023454
0.00144744	-0.000203355	0.00192008	0.00218194
0.0014584	-7.30E-05	0.00185267	0.00207921
0.00144283	7.42E-05	0.00188257	0.00214433
1.39E-03	0.000243146	0.00189831	0.00220696
1.34E-03	0.000372687	0.0019124	0.00225684
1.28E-03	0.000534519	0.00188686	0.00230416
1.19E-03	0.00070516	0.00184446	0.00236722
0.00109106	0.000877928	0.00176291	0.00243727

0.000960565	0.00105528	0.0016314	0.00247702
0.000832657	0.00122721	0.00168026	0.00244814
0.000673822	0.00139382	0.00154197	0.0025036
0.000732523	0.00132604	0.0013682	0.00251527
0.00059853	0.00147637	0.00117469	0.00249669
0.000444331	1.63E-03	0.000929373	0.00235436
0.000252354	1.78E-03	0.000664159	0.00213859
4.52E-05	1.93E-03	0.00037357	0.00185453
-0.000220483	2.09E-03	0.000565169	0.00202754
-0.000494799	0.00224314	0.000286627	0.00175551
-0.000864363	0.00238799	-2.57E-05	0.00134453
-0.00122508	2.53E-03	-0.000358425	0.000862546
-0.00169016	0.0026219	-0.000704755	0.00033171
-2.14E-03	0.00270889	-0.00107514	-0.000316811
-0.00262361	0.00270063	-0.00144719	-0.00103079
-0.00211849	0.00271885	-0.00181512	-0.00178942
-0.00263967	0.00269986	-0.00187161	-0.00192614
-0.00317363	0.00267346	-0.00221719	-0.00274312
-0.00368662	0.00251271	-0.00251682	-0.00351888
-0.00419983	0.00232299	-0.00277151	-0.00422788
-0.00460492	1.98E-03	-0.00294688	-0.00475521
-0.00497343	0.00157246	-0.00309087	-0.00508436
-0.0051968	0.00104863	-0.00321337	-0.00526594
-0.0053375	0.00045633	-0.0032044	-0.00519169
-5.34E-03	-0.000183806	-0.00335488	-0.00517217
-5.41E-03	0.000384119	-0.00350696	-0.00489557
-0.00532253	-0.000241435	-0.00365781	-0.00442232
-0.00514845	-0.000888657	-0.00379322	-0.00359315
-0.00486633	-0.0014973	-0.00390226	-0.00269808
-0.00449779	-0.00207627	-0.00398704	-0.0017777
-0.00408112	-0.00257762	-0.00400186	-0.00102239
-0.00360291	-0.0029856	-0.0039466	-0.000491739
-0.0034472	-0.00308482	-0.00398305	-0.000618443
-0.0029995	-0.00339777	-0.00387712	-0.000250224
-0.00252073	-3.62E-03	-0.00370718	-4.87E-05
-0.00204257	-3.71E-03	-0.00350292	6.90E-05
-0.00156889	-0.00369037	-0.00326169	0.000111696
-0.00201613	-0.00371476	-0.00301962	0.000160818
-0.00153173	-0.00368793	-0.00278285	0.000227515
-0.00107607	-0.00358975	-0.00267374	0.000273429
-0.000662709	-0.00340776	-0.00250682	0.000465929
-0.00027998	-0.0031894	-0.00235794	0.000739733
2.97E-05	-0.00290233	-0.0022116	0.00102983
0.000319106	-0.00260326	-0.00207316	0.00133896
0.000274868	-0.00266891	-0.00194353	0.00162827
0.000481914	-0.00234413	-0.00180944	0.0018898
0.000687342	-0.00201552	-0.00168062	0.00208291
0.000844238	-1.68E-03	-0.00155253	0.0022137
0.000977856	-1.36E-03	-0.00149682	0.00223805
0.0010803	-0.00105661	-0.00138035	0.0023165

0.00114489	-0.000778789		-0.0012589	0.00228118
1.70141E+38	1.70141E+38	0	0.00780304	0.00526594
1.70141E+40	1.70141E+40	0	0.780304	0.526594

test2L-0060_0_exy
0.000928705
0.000850908
0.00074931
0.000655006
0.000579163
0.000532626
0.000533754
0.000554069
0.000561542
0.000601441
0.000638776
0.000659696
0.000661137
0.000647032
0.000600905
0.000531594
0.000453176
0.000369102
0.000311263
0.00028862
0.00028946
0.000300846
1.84E-40
0.000363344
1.84E-40
0.000377701
1.84E-40
0.000492727
0.00055646
0.00063152
0.00071206
0.000614234
0.000713053
0.000829452
0.00096011
0.00111436
0.00127777
0.00144295
0.00159942
0.00174999
0.00185941
0.00195007
0.0019502
0.0019896
0.00198128
0.001932
0.0017878
0.00160453
0.00137014

0.00107224
0.00135092
0.00103271
0.000693294
0.000330966
-2.42E-05
-0.000354441
-0.000651577
-0.000866343
-0.00103775
-0.00104989
-0.00114547
-0.00115311
-0.00112377
-0.00105848
-0.000989307
-0.000923813
-0.000879149
-0.000848361
-0.000835936
-0.000822965
-0.00084417
-0.000786043
-0.00071791
-0.000610253
-0.000476764
-0.000282091
-6.81E-05
0.000165761
0.000390528
0.000596688
0.00076816
0.000901023
0.000972649
0.00102548
0.001004
0.00103407
0.00105432
0.00107195
0.00110987
0.00114649
0.00116245
0.00115703
0.00113192
0.00106983
0.00100283
0.00106912
0.00112546
0.00109508
0.00101869

0.000800657
0.000532483
0.000238566
-0.000117107
-7.30E-05
-0.000470067
-0.000878045
-0.00119148
-0.00141906
-0.00144825
-0.00133711
-0.00114435
-0.000895709
-0.000677302
-0.00049102
-0.000409096
-0.000396139
-0.000405016
-0.000457955
-0.000556363
-0.000665242
-0.000771693
-0.000868066
-0.000950057
-0.00102487
-0.00109159
-0.00115431
-0.00106137
-0.00118573
-0.00130477
-0.0014138
-0.00149476
-0.00154381
-0.00153508
-0.00158314
-0.00157737
-0.00152324
-0.00144293
-0.00131752
-0.00117916
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-0.000885408
-0.000743583
-0.000700485
-0.00069896
-0.000673736
-0.000623251
-0.000512302
-0.000378206
-0.000205073

5.94E-06
-7.00E-05
0.000143341
0.000369024
0.000587654
0.000814525
0.00103102
0.00123411
0.00109323
0.00129019
0.00148517
0.00166132
0.00181803
0.00193042
0.0019983
0.00202841
0.00201879
0.00194411
0.00177475
0.00153347
0.00114169
0.000673151
0.000156124
0.00010044
-0.000463758
-0.00102393
-0.00156966
-0.00202796
-0.00241894
-0.00275607
-0.00299238
-0.00315422
-0.00311706
-0.00322505
-0.00326438
-0.00326199
-0.00320135
-0.00309144
-0.00294727
-0.00284363
-0.00268564
-0.0024913
-0.0022895
-0.00207324
-0.00186787
-0.00166246
-0.00148516
-0.00133171
-0.00126772
-0.00115733

-0.00105173

0.00326438
0.326438

Směr zatěžování	L		T		Smyk	
Číslo vzorku	ϵ_{xx} [%]	ϵ_{yy} [%]	ϵ_{xx} [%]	ϵ_{yy} [%]	L [%]	T [%]
1	1.67	9E+14	1.67	2.55	0.63	0.59
2	0.78	0.53	0.10	0.06	0.33	0.06
3	2E+40	2E+40	3.19	0.56	2E+40	0.49
4	0.20	0.80	1.95	0.22	0.49	0.41
5	0.21	0.21	1.69	0.24	0.27	0.62
6	0.35	0.38	0.62	0.11	0.20	0.31
7	0.24	0.71	1.01	0.27	0.49	0.36
8	0.48	0.31	1.75	0.19	0.23	0.38
9	0.42	1.57	0.55	0.20	0.64	0.37
10	2965.37	2971.39	1.38	0.20	2977.12	0.63
11	0.66	1.19	1.15	0.33	0.57	0.37
12	0.56	0.35	1.19	0.21	0.49	0.57
13	0.34	0.64	5.92	0.27	0.43	0.48
14	0.30	0.26	0.74	0.29	0.36	0.22
15	0.47	0.51	0.86	0.16	0.49	0.37
16 (37)	0.68	1.49	1.05	0.51	1.10	0.32
17	0.75	0.59	1.02	0.21	0.30	0.28
18 (22)	0.51	1.15	2.37	0.67	0.59	0.40
19 (25)	0.90	0.34	4.38	0.43	0.58	0.35
20 (26)	0.59	0.29	2.33	0.19	0.41	0.23
Stř. hodnota	0.56	0.67	1.48	0.28	0.48	0.39
Medián	0.49	0.53	1.17	0.22	0.49	0.37
Směr. Odchylka	0.33	0.42	0.99	0.15	0.20	0.14

L T

ϵ_{yy} [%]	ϵ_{xx} [%]	Dvouvýběrový F-test pro rozptyl			
0.526594	1.66968				
0.803109	0.101568		ϵ_{yy} [%]	ϵ_{xx} [%]	
0.208433	3.19298	Stř. hodnota	0.665814	1.479376	
0.375848	1.94801	Rozptyl	0.18814	1.042721	
0.708081	1.69015	Pozorování	17	18	
0.310995	0.6155	Rozdíl	16	17	
1.57112	1.00986	F	0.180432		
1.1899	1.75375	P(F<=f) (1)	0.000646		
0.352354	0.551346	F krit (1)	0.431644		
0.636319	1.37523				
0.255345	1.14627	0.18	<	0.43	H0 nezamítáme..
0.514804	1.19	0.00065	<	0.05	H0 zamítáme -> t-test s nerovností
1.49311	0.737316				
0.594391	0.860655		>		
1.14633	1.05207				
0.341538	1.01904	Dvouvýběrový t-test s nerovností rozptylů			
0.290565	4.38199				
	2.33335		ϵ_{yy} [%]	ϵ_{xx} [%]	
		Stř. hodnota	0.665814	1.479376	
		Rozptyl	0.18814	1.042721	
		Pozorování	17	18	
		Hyp. rozdíl sí	0		
		Rozdíl	23		
		t Stat	-3.09727		
		P(T<=t) (1)	0.00254		
		t krit (1)	1.713872		
		P(T<=t) (2)	0.00508		
		t krit (2)	2.068658		
		3.1	>	1.71	H0 zamítnuta
		0.003	<	0.05	H0 zamítnuta

Střední hodnoty obou souborů ze s

L	T			
ϵ_{xx} [%]	ϵ_{yy} [%]	Dvouvýběrový F-test pro rozptyl		
1.66646	0.06149			
0.780304	0.555981		ϵ_{xx} [%]	ϵ_{yy} [%]
0.199538	0.218102	Stř. hodnot	0.561664	0.28043
0.213872	0.243781	Rozptyl	0.117237	0.02467
0.35332	0.106347	Pozorování	18	19
0.244783	0.267066	Rozdíl	17	18
0.476066	0.19349	F	4.752272	
0.417842	0.203015	P(F<=f) (1)	0.000981	
0.660967	0.2026	F krit (1)	2.232546	
0.558448	0.333296			
0.340928	0.205904	4.75	>	Feb-23
0.302658	0.274331	0.001	<	0.05
0.472389	0.294324			
0.675831	0.155506			
0.750832	0.505948			
0.509674	0.211381	Dvouvýběrový t-test s nerovností		
0.900784	0.674972			
0.585264	0.427817		ϵ_{xx} [%]	ϵ_{yy} [%]
	0.192827	Stř. hodnot	0.561664	0.28043
		Rozptyl	0.117237	0.02467
		Pozorování	18	19
		Hyp. rozdíl	0	
		Rozdíl	24	
		t Stat	3.181984	
		P(T<=t) (1)	0.002006	
		t krit (1)	1.710882	
		P(T<=t) (2)	0.004012	
		t krit (2)	2.063899	

rozptylů

3.18 > 1.71
0.002 < 0.05

statisticky významně liší..

Smyk			
L [%]	T [%]	Dvouvýběrový F-test p	
0.631854	0.592443		
0.326438	0.06149	L [%]	
0.488197	0.494247	Stř. hodnot	0.478478
0.272258	0.413238	Rozptyl	0.042524
0.200278	0.619533	Pozorování	18
0.490861	0.314258	Rozdíl	17
0.232086	0.364672	F	2.072242
0.642266	0.380496	P(F<=f) (1)	0.063683
0.574862	0.367002	F krit (1)	2.197729
0.493254	0.625337		
0.432788	0.372204	2.07	<
0.356615	0.568329	0.06	>
0.489517	0.483543		
1.09705	0.220654		
0.298545	0.365662		
0.590974	0.319617	Dvouvýběrový t-test s	
0.579903	0.277429		
0.414853	0.399498	L [%]	
	0.349268	Stř. hodnot	0.478478
	0.231797	Rozptyl	0.042524
		Pozorování	18
		Společný ro	0.030911
		Hyp. rozdíl	0
		Rozdíl	36
		t Stat	1.530805
		P(T<=t) (1)	0.067279
		t krit (1)	1.688298
		P(T<=t) (2)	0.134559
		t krit (2)	2.028094

H0 zamítáme -> t-test s nerovností rozptylů

H0 zamítáme -> t-test s nerovností rozptylů

rozptylů

H0 zamítnuta

H0 zamítnuta

Střední hodnoty obou souborů ze statisticky významně liší..

1.53 <

0.067 >

ro rozptyl

T [%]
0.391036
0.020521
20
19

Parametrické testování		
Směr zatěžování	L	vs.
Poměrná deformace	ϵ_{yy} [%]	
F-test	TK 0,18	<
	P 0,0006	<
HO zamítnut:		
T-test	TK 3,1	>
	P 0,003	<
HO zamítnut:		
Střední hodnoty obou souborů se na statisticky významně odlišují		

2.19 **HO nezamítáme**

0.05 **HO nezamítáme** -> t-test s rovností rozptylů

rovností rozptylů

T [%]
0.391036
0.020521
20

1.69 **HO přijata**

0.05 **HO přijata**

Střední hodnoty obou souborů se navzájem statisticky významně neodlišují.

Parametrické testování				
T	Směr zatěžování	L	vs.	T
ϵ_{xx} [%]	Poměrná deformace	ϵ_{xx} [%]		ϵ_{yy} [%]
KH 0,43	F-test	TK 4,75	>	KH 2,23
α 0,05		P 0,001	<	α 0,05
a	H0 zamítnuta			
KH 1,71	T-test	TK 3,18	>	KH 1,71
α 0,05		P 0,002	<	α 0,05
a	H0 zamítnuta			
navzájem	Střední hodnoty obou souborů se navzájem statisticky významně odlišují			

Parametrické t	
	Smyl
Poměrná deformace	L [%]
F-test	TK 2,07
	P 0,06
T-test	TK 1,53
	P 0,067
Střední hodnoty obou so statisticky význa	

testování	
kovová deformace	
vs.	T [%]
<	KH 2,19
>	α 0,05
H0 přijata	
<	KH 1,69
>	α 0,05
H0 přijata	
souborů se navzájem statisticky neliší	

L T

Smyk	
L [%]	T [%]