

Fig6-greyscale	Fig6-appar-density
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0.000	0.000
25.185	0.000
19.422	0.000
30.595	0.000
28.744	0.000
25.733	0.000
31.048	0.000
23.716	0.000
19.931	0.000
28.609	0.000
25.524	0.000
23.090	0.000
28.288	0.000

Fig7-appar-density	Fig7-El.modulus	Fig7-density model
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0.000	0.000	0.000
0.000	892.019	0.000
0.000	673.452	0.000
0.000	1419.616	0.000
0.000	1081.934	0.000
0.000	903.313	0.000
0.000	1547.544	0.000
0.000	782.392	0.000
0.000	669.854	0.000
0.000	1207.660	0.000
0.000	932.226	0.000
0.000	763.464	0.000
0.000	1184.662	0.000
		0.000

Fig7-El.Modulus model

0.000
 0.949
 5.327
 14.614
 29.905
 52.113
 82.041
 167.882
 292.558
 460.568
 675.966
 942.468
 1263.529
 1642.387

Fig8	4B	4T	5B	5T
Over	2.313	2.947	2.496	2.898
Normal	2.725	3.590	2.790	3.474
Under	4.635	5.127	4.268	4.500

Fig9-Kexp

3.084
 3.569
 2.623
 4.044
 2.975
 3.917
 3.113
 2.294
 2.294

Fig9-K(F-DLS)	Fig9-K(FLC)
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2.909	4.997
3.339	4.036
2.262	4.587
3.945	4.167
2.818	3.311
3.710	4.978
3.020	3.947
1.692	2.482
1.692	2.482

Fig10-Kexp	Fig10-K(F-DLS)	Fig10-K(FLC)
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2.725	2.879	4.525
2.313	2.172	2.821
4.635	5.467	6.973
3.590	3.636	5.253
2.947	3.029	4.710
5.127	4.948	6.314
2.790	2.973	4.773
2.496	2.538	5.364
4.268	4.276	6.107
3.474	3.433	5.435
2.898	3.276	5.128
4.500	4.701	6.280

Fig11-Kexp

24.345
18.946
27.615
19.268
17.003
17.561

Fig11-K(F-DLS)

27.704
20.106
30.646
21.339
17.365
18.528

Fig12-force(N)	Fig12-ForceFEA	Fig12-ForceEXP
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0.500 794.096 432.887
1.000 1588.193 1246.037
1.500 2382.289 2199.826
2.000 3176.386 3194.769
2.500 3970.482 4124.860