Load (kg)	Load (N)	Bending strain (E-6)	Shearing strain (1E-6)	E_xx_th	E_x_theta_th	E7	E9	E_xy	E_yy	E_1 (µ)	E_2 (µ)
0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00	0.00
0.5	4.905	15	15	6.37E-06	3.61E-06	-2.78E-06	1.36E-05	-3.61E-06	-1.91E-06	7.73	-3.27
1	9.81	27	28	1.27E-05	7.23E-06	-5.57E-06	2.45E-05	-7.23E-06	-3.82E-06	15.45	-6.53
1.5	14.715	40	48	1.91E-05	1.08E-05	-8.35E-06	3.63E-05	-1.08E-05	-5.73E-06	23.18	-9.80
2	19.62	53	62	2.55E-05	1.45E-05	-1.11E-05	4.80E-05	-1.45E-05	-7.65E-06	30.91	-13.07
2.5	24.525	66	75	3.19E-05	1.81E-05	-1.39E-05	5.98E-05	-1.81E-05	-9.56E-06	38.63	-16.33
3	29.43	81	94	3.82E-05	2.17E-05	-1.67E-05	7.34E-05	-2.17E-05	-1.15E-05	46.36	-19.60
3.5	34.335	93	108	4.46E-05	2.53E-05	-1.95E-05	8.43E-05	-2.53E-05	-1.34E-05	54.09	-22.87
4	39.24	108	124	5.10E-05	2.89E-05	-2.23E-05	9.79E-05	-2.89E-05	-1.53E-05	61.81	-26.13