

Sheet1

Shear Strain	Shear Stress
2.0132E-4	1.22E+5
2.4160E-4	1.46E+5
2.8188E-4	1.70E+5
3.8259E-4	2.31E+5
4.8332E-4	2.92E+5
5.6392E-4	3.53E+5
6.4453E-4	4.13E+5
7.2516E-4	4.74E+5

Mass (g)	Force (N)	Voltage (mV)
1000	9.8	-1.00
1200	11.76	-1.20
1400	13.72	-1.40
1900	18.62	-1.90
2400	23.52	-2.40
2900	28.42	-2.80
3400	33.32	-3.20
3900	38.22	-3.60

Base	0.0260	Inertia	2.58E-010
Height	0.0031	y (half thickness)	0.0016
Length	0.1778		

Moment                      Bending Strain    Bending Stress

Sheet1

1.7424	2.01E-004	10460497.88
2.0909	2.42E-004	12552597.45
2.4394	2.82E-004	14644697.03
3.3106	3.83E-004	19874945.97
4.1819	4.83E-004	25105194.91
5.0531	5.64E-004	30335443.85
5.9243	6.45E-004	35565692.79
6.7955	7.25E-004	40795941.73