

Appendix A

MOMENT 177 N.mm			
NO.	Total Deformation	Equivalent Elastic Strain	Equivalent Stress
Resin Epoxy 100%	0.76969	0.015787	59.586
model 1 epoxy risen 75% & graphene nanotube 25%	0.011161	0.00023698	59.689
model 2 epoxy risen 60% & graphene nanotube 40%	0.0068637	0.00014894	59.754
Model 3 epoxy risen 50% & graphene nanotube 50%	0.005425	0.00011942	59.797
Model 4 epoxy risen 40% & graphene nanotube 60%	0.0044598	0.000099696	59.844
model 5 epoxy risen 25% & graphene nanotube 75%	0.0034939	0.000079932	59.915

polyurethane 100%	0.01352	0.00029955	59.817
model 1 polyurethane 75% & graphene nanotube 25%	0.0066512	0.00014991	59.869
model 2 polyurethane 60% & graphene nanotube 40%	0.0050643	0.00011538	59.902
model 3 polyurethane 50% & graphene nanotube 50%	0.0043613	0.00010003	59.922
model 4 polyurethane 40% & graphene nanotube 60%	0.0038206	0.000088295	59.946
model 5 polyurethane 25% & graphene nanotube 75%	0.0032136	0.000075094	59.98