

## Ovation Polymers OpteSTAT™ NC TPU 9020 Polyurethane-based Carbon Nanotube Compound

Category : Polymer , Thermoplastic , Polyurethane, TP , Thermoplastic Polyurethane (TPUR), Carbon Fiber Reinforced

### Material Notes:

Material resistivity can be tailored to the application, while retaining the physical and thermal properties of the base polymer. Applications include components of disk drives, business machines or other electronic assemblies where ESD control is required while retaining exceptional cleanliness, dimensional control and physical propertiesAll properties after 48hrs conditioning at 23°C/50% RH

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Ovation-Polymers-OpteSTAT-NC-TPU-9020-Polyurethane-based-Carbon-Nanotube-Compound.php](http://www.lookpolymers.com/polymer_Ovation-Polymers-OpteSTAT-NC-TPU-9020-Polyurethane-based-Carbon-Nanotube-Compound.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.23 g/cc	1.23 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	7.00 MPa	1020 psi	50 mm/min; ASTM D638
Elongation at Yield	6.5 %	6.5 %	50 mm/min; ASTM D638
Izod Impact, Notched	0.481 J/cm @Temperature 23.0 °C	0.900 ft-lb/in @Temperature 73.4 °F	ASTM D256

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	10000 - 1.00e+7 ohm	10000 - 1.00e+7 ohm	ASTM D257

## Contact Songhan Plastic Technology Co.,Ltd.

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