

## Pyrotek TS-103 Thermoset Electrical Insulation Product (Nema Grade: G-3)

Category : Polymer , Thermoset , Filled/Reinforced Thermoset , Phenolic

### Material Notes:

Glass reinforcement, Phenolic resin, Natural color. Good heat resistance. Excellent mechanical and machining properties. Applications Superstructure support pads Bus bar insulators Pot cradle insulators Exhaust duct insulators Machined parts Wedges & shunts Point feeder gaskets Advantages High insulation properties High strength Low moisture absorption High temperature resistance Information provided by Pyrotek.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Pyrotek-TS-103-Thermoset-Electrical-Insulation-Product-Nema-Grade-G-3.php](http://www.lookpolymers.com/polymer_Pyrotek-TS-103-Thermoset-Electrical-Insulation-Product-Nema-Grade-G-3.php)

Physical Properties	Metric	English	Comments
Density	1.794 g/cc	0.06481 lb/in <sup>3</sup>	
Water Absorption	0.50 %	0.50 %	

Mechanical Properties	Metric	English	Comments
Flexural Strength	345 MPa	50000 psi	
Compressive Strength	310 MPa	45000 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	177 °C	351 °F	Continuous

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.30e+10 ohm-cm	1.30e+10 ohm-cm	
Dielectric Strength	16.0 kV/mm	406 kV/in	

## Contact Songhan Plastic Technology Co.,Ltd.

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