

## Pyrotek TS-109 Thermoset Electrical Insulation Product (Nema Grade: G-9)

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

### Material Notes:

Glass reinforcement, Melamine Resin, Gray color. High mechanical strength, arc and heat resistance. Self-extinguishing. Information provided by Pyrotek.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Pyrotek-TS-109-Thermoset-Electrical-Insulation-Product-Nema-Grade-G-9.php](http://www.lookpolymers.com/polymer_Pyrotek-TS-109-Thermoset-Electrical-Insulation-Product-Nema-Grade-G-9.php)

Physical Properties	Metric	English	Comments
Density	1.89 g/cc	0.0683 lb/in <sup>3</sup>	
Water Absorption	0.20 %	0.20 %	

Mechanical Properties	Metric	English	Comments
Flexural Strength	517 MPa	75000 psi	
Compressive Strength	448 MPa	65000 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	150 °C	302 °F	Continuous

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.50e+13 ohm-cm	1.50e+13 ohm-cm	
Dielectric Strength	20.0 kV/mm	508 kV/in	
Arc Resistance	180 sec	180 sec	

## Contact Songhan Plastic Technology Co.,Ltd.

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