

## Pyrotek TS-84 Thermoset Electrical Insulation Product (Nema Grade: XX)

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

### Material Notes:

Paper reinforcement, Phenolic Resin, Natural/Black Color. Good insulation in dry or humid conditions. Information provided by Pyrotek.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Pyrotek-TS-84-Thermoset-Electrical-Insulation-Product-Nema-Grade-XX.php](http://www.lookpolymers.com/polymer_Pyrotek-TS-84-Thermoset-Electrical-Insulation-Product-Nema-Grade-XX.php)

Physical Properties	Metric	English	Comments
Density	1.346 g/cc	0.04863 lb/in <sup>3</sup>	
Water Absorption	0.50 %	0.50 %	

Mechanical Properties	Metric	English	Comments
Flexural Strength	117 MPa	17000 psi	
Compressive Strength	207 MPa	30000 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	138 °C	280 °F	Continuous

Electrical Properties	Metric	English	Comments
Volume Resistivity	4.00e+11 ohm-cm	4.00e+11 ohm-cm	
Dielectric Strength	20.0 kV/mm	508 kV/in	

## Contact Songhan Plastic Technology Co.,Ltd.

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