

## Pyrotek TS-83 Thermoset Electrical Insulation Product (Nema Grade: LE)

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

**Material Notes:**

Linen reinforcement, Phenolic resin, Tan / Black color. Good electrical and high mechanical strength. Moisture resistant. Information provided by Pyrotek.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Pyrotek-TS-83-Thermoset-Electrical-Insulation-Product-Nema-Grade-LE.php](http://www.lookpolymers.com/polymer_Pyrotek-TS-83-Thermoset-Electrical-Insulation-Product-Nema-Grade-LE.php)

Physical Properties	Metric	English	Comments
Density	1.33 g/cc	0.0480 lb/in <sup>3</sup>	
Water Absorption	1.0 %	1.0 %	

Mechanical Properties	Metric	English	Comments
Flexural Strength	152 MPa	22000 psi	
Compressive Strength	262 MPa	38000 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	121 °C	250 °F	Continuous

Electrical Properties	Metric	English	Comments
Volume Resistivity	7.00e+10 ohm-cm	7.00e+10 ohm-cm	
Dielectric Strength	14.0 kV/mm	356 kV/in	

## Contact Songhan Plastic Technology Co.,Ltd.

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