

Pyrotek TS-111 Thermoset Electrical Insulation Product (Nema Grade: G-11)

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

Material Notes:

Glass reinforcement, Epoxy Resin, Natural Color. Good electrical and mechanical 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-111-Thermoset-Electrical-Insulation-Product-Nema-Grade-G-11.php

Physical Properties	Metric	English	Comments
Density	1.794 g/cc	0.06481 lb/in ³	
Water Absorption	0.085 %	0.085 %	

Mechanical Properties	Metric	English	Comments
Flexural Strength	393 MPa	57000 psi	
Compressive Strength	345 MPa	50000 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	160 °C	320 °F	Continuous

Electrical Properties	Metric	English	Comments
Volume Resistivity	5.00e+12 ohm-cm	5.00e+12 ohm-cm	
Dielectric Strength	18.0 kV/mm	457 kV/in	
Arc Resistance	185 sec	185 sec	

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