

Pyrotek TS-117 Thermoset Electrical Insulation Product (Nema Grade: GPO-1)

Category : Polymer , Thermoset , Filled/Reinforced Thermoset , Polyester, TS

Material Notes:

Glass reinforcement, Polyester resin, Gray color. Economical, general purpose product. Information provided by Pyrotek.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Pyrotek-TS-117-Thermoset-Electrical-Insulation-Product-Nema-Grade-GPO-1.php

Physical Properties	Metric	English	Comments
Density	1.89 g/cc	0.0683 lb/in ³	
Water Absorption	0.35 %	0.35 %	

Mechanical Properties	Metric	English	Comments
Flexural Strength	130 MPa	18900 psi	
Compressive Strength	250 MPa	36300 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	127 °C	261 °F	Continuous

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.00e+8 ohm-cm	2.00e+8 ohm-cm	
Dielectric Strength	17.0 kV/mm	432 kV/in	
Arc Resistance	150 sec	150 sec	

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