

Pyrotek TS-107 Thermoset Electrical Insulation Product (Nema Grade: G-7)

Category : Polymer , Thermoset , Filled/Reinforced Thermoset , Silicone , Silicone, Molded, Glass Fiber Filled

Material Notes:

Glass reinforcement, Silicone resin, White color. High temperature resistance. Good electrical properties in humidity. 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-107-Thermoset-Electrical-Insulation-Product-Nema-Grade-G-7.php

Physical Properties	Metric	English	Comments
Density	1.842 g/cc	0.06655 lb/in ³	
Water Absorption	0.020 %	0.020 %	

Mechanical Properties	Metric	English	Comments
Flexural Strength	172 MPa	24900 psi	
Compressive Strength	331 MPa	48000 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	238 °C	460 °F	Continuous

Electrical Properties	Metric	English	Comments
Dielectric Strength	19.0 kV/mm	483 kV/in	
Arc Resistance	240 sec	240 sec	

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