

Pyrotek TS-102 Thermoset Electrical Insulation Product (Nema Grade: X)

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

Material Notes:

Paper reinforcement, Phenolic Resin, Natural Color. High mechanical strength. Electrical properties are secondary. 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-102-Thermoset-Electrical-Insulation-Product-Nema-Grade-X.php

Physical Properties	Metric	English	Comments
Density	1.362 g/cc	0.04921 lb/in ³	
Water Absorption	2.0 %	2.0 %	

Mechanical Properties	Metric	English	Comments
Flexural Strength	207 MPa	30000 psi	
Compressive Strength	262 MPa	38000 psi	

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

Electrical Properties	Metric	English	Comments
Dielectric Strength	18.0 kV/mm	457 kV/in	

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