

Pyrotek TS-81 Thermoset Electrical Insulation Product (Nema Grade: CE)

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

Material Notes:

Cotton reinforcement, Phenolic resin, Natural / Tan color. Economy grade. Good acid resistance. 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-81-Thermoset-Electrical-Insulation-Product-Nema-Grade-CE.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|---------------------------|----------|
| Density | 1.33 g/cc | 0.0480 lb/in ³ | |
| Water Absorption | 1.1 % | 1.1 % | |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|---------|-----------|----------|
| Flexural Strength | 131 MPa | 19000 psi | |
| Compressive Strength | 255 MPa | 37000 psi | |

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

| Electrical Properties | Metric | English | Comments |
|-----------------------|------------|-----------|----------|
| Dielectric Strength | 8.00 kV/mm | 203 kV/in | |

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