

Overview of materials for Solventless Epoxy Varnish, Electrical Insulation

Category : Polymer , Thermoset , Epoxy , Solventless Epoxy Varnish, Electrical Insulation

Material Notes:

This property data is a summary of similar materials in the MatWeb database for the category "Solventless Epoxy Varnish, Electrical Insulation". Each property range of values reported is minimum and maximum values of appropriate MatWeb entries. The comments report the average value, and number of data points used to calculate the average. The values are not necessarily typical of any specific grade, especially less common values and those that can be most affected by additives or processing methods.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Overview-of-materials-for-Solventless-Epoxy-Varnish-Electrical-Insulation.php

Physical Properties	Metric	English	Comments
Density	1.01 - 1.13 g/cc	0.0365 - 0.0408 lb/in ³	Average value: 1.11 g/cc Grade Count:6
Viscosity	50.0 - 3200 cP	50.0 - 3200 cP	Average value: 1170 cP Grade Count:5

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	105 - 155 °C	221 - 311 °F	Average value: 140 °C Grade Count:5

Electrical Properties	Metric	English	Comments
Dielectric Strength	39.0 - 122 kV/mm	991 - 3100 kV/in	Average value: 78.8 kV/mm Grade Count:6

Processing Properties	Metric	English	Comments
Processing Temperature	100 - 160 °C	212 - 320 °F	Average value: 143 °C Grade Count:6

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