

Resinoid 2011 Phenolic Molding, Fabric Reinforced

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

Material Notes:

Data provided by the manufacturer. The Resinoid 2000 organic fiber reinforced series compounds feature mechanical strength, dimensional stability, and shock resistance

Order this product through the following link:

http://www.lookpolymers.com/polymer_Resinoid-2011-Phenolic-Molding-Fabric-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.43 g/cc	0.0517 lb/in ³	ASTM D792A
Water Absorption	0.50 %	0.50 %	24 hours R.T. ASTM D570
Linear Mold Shrinkage	0.0025 cm/cm	0.0025 in/in	Positive Mold; ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	53.0 MPa	7690 psi	ASTM D651
Compressive Strength	138 MPa	20000 psi	ASTM D695
Izod Impact, Notched	0.972 J/cm	1.82 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	149 °C	300 °F	ASTM D648

Processing Properties	Metric	English	Comments
Mold Temperature	155 - 180 °C	311 - 356 °F	

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