

Resinoid 2002-4 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-2002-4-Phenolic-Molding-Fabric-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in ³	ASTM D792A
Water Absorption	0.60 %	0.60 %	24 hours R.T. ASTM D570
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	Positive Mold; ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	55.0 MPa	7980 psi	ASTM D651
Flexural Strength	97.0 MPa	14100 psi	ASTM D790
Flexural Modulus	11.0 GPa	1600 ksi	ASTM D790
Compressive Strength	150 MPa	21800 psi	ASTM D695
Izod Impact, Notched	1.103 J/cm	2.066 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
CTE, linear	18.0 $\mu\text{m/m-}^{\circ}\text{C}$	10.0 $\mu\text{in/in-}^{\circ}\text{F}$	ASTM D696
	@Temperature 20.0 $^{\circ}\text{C}$	@Temperature 68.0 $^{\circ}\text{F}$	
Deflection Temperature at 1.8 MPa (264 psi)	177 $^{\circ}\text{C}$	351 $^{\circ}\text{F}$	ASTM D648

Electrical Properties	Metric	English	Comments
Dielectric Strength	12.8 kV/mm	325 kV/in	Short Time; Dry; ASTM D149

Processing Properties	Metric	English	Comments
Mold Temperature	150 - 175 $^{\circ}\text{C}$	302 - 347 $^{\circ}\text{F}$	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China