

Resinoid 1382 Phenolic Molding, Glass Reinforced

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

Material Notes:

Data provided by the manufacturer. The Resinoid 1300 and 7000 glass fiber reinforced series compounds feature mechanical strength, dimensional stability, electrical insulation, and heat resistance

Order this product through the following link:

http://www.lookpolymers.com/polymer_Resinoid-1382-Phenolic-Molding-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.89 g/cc	0.0683 lb/in ³	ASTM D792A
Linear Mold Shrinkage	0.0010 cm/cm	0.0010 in/in	Positive Mold; ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell E	94	94	ASTM D785
Hardness, Rockwell M	109	109	ASTM D785
Tensile Strength, Ultimate	79.0 MPa	11500 psi	ASTM D651
Flexural Strength	114 MPa	16500 psi	ASTM D790
Flexural Modulus	17.0 GPa	2470 ksi	ASTM D790
Compressive Strength	204 MPa	29600 psi	ASTM D695
Izod Impact, Notched	1.156 J/cm	2.166 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	>= 315 °C	>= 599 °F	ASTM D648

Electrical Properties	Metric	English	Comments
Dielectric Strength	12.7 kV/mm	323 kV/in	Short Time; Dry; ASTM D149
Arc Resistance	180 sec	180 sec	ASTM D495

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