

## Resinoid 2020 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-2020-Phenolic-Molding-Fabric-Reinforced.php](http://www.lookpolymers.com/polymer_Resinoid-2020-Phenolic-Molding-Fabric-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in <sup>3</sup>	ASTM D792A
Water Absorption	0.50 %	0.50 %	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	48.0 MPa	6960 psi	ASTM D651
Compressive Strength	159 MPa	23100 psi	ASTM D695
Izod Impact, Notched	1.103 J/cm	2.066 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	205 °C	401 °F	ASTM D648

Electrical Properties	Metric	English	Comments
Dielectric Strength	8.70 kV/mm	221 kV/in	Short Time; Dry; ASTM D149

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

## Contact Songhan Plastic Technology Co.,Ltd.

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