

Pyrotek F-51 Dense Machinable Board

Category : Polymer , Thermoset , Filled/Reinforced Thermoset

Material Notes:

F-51 is a high temperature resin base, supplemented with fiberglass and graphite to provide extra strength and lubricity. F-51 is abrasion resistant and suitable for hot glass handling applications up to 700°C. Applications Container dead plates Guide rails Wear pad Donut rollers for glass Advantages Abrasion resistant Excellent heat resistance Non-marking to glass Machinable Excellent wear resistance Good physical strength Good shock resistance Information provided by Pyrotek.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Pyrotek-F-51-Dense-Machinable-Board.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	31.0 MPa	4500 psi	
Flexural Strength	59.0 MPa	8560 psi	
Compressive Strength	59.0 MPa	8560 psi	
Shear Strength	57.0 MPa	8270 psi	
Izod Impact, Notched	0.699 J/cm	1.31 ft-lb/in	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.0900 W/m-K	0.625 BTU-in/hr-ft ² -°F	
Maximum Service Temperature, Air	700 °C	1290 °F	Continuous

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