

Pyrotek F-24 Dense Machinable Board

Category : Polymer , Thermoset , Filled/Reinforced Thermoset

Material Notes:

F-24 is a high temperature resin material that is reinforced with fiberglass. Abrasion resistant, it is used for hot glass handling applications. Applications: Donut rollers for glass, Guide rails, Wear pads, Machined insulators. Advantages: Abrasion resistant, Excellent heat resistance, Non-marking to glass, Economical, Easily machined, Good physical strength, Excellent wear resistance, Good shock resistance. Information provided by Pyrotek.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Pyrotek-F-24-Dense-Machinable-Board.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	19.0 MPa	2760 psi	
Flexural Strength	31.0 MPa	4500 psi	
Compressive Strength	76.0 MPa	11000 psi	
Shear Strength	52.0 MPa	7540 psi	
Izod Impact, Notched	0.801 J/cm	1.50 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	470 °C	878 °F	Continuous

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