

Pyrotek MCX-40 Insulating Board

Category : Ceramic

Material Notes:

MCX-40 is a bonded-mica composite for use in glass contact applications. Its high operating temperature, low porosity, and low thermal conductivity make it ideal for all areas of hot glass transfer, including takeout jaws/inserts, sweep out pads, lehr loader bar pads/inserts, and high temperature flat glass quench rollers. Applications Glass contact insulating material Advantages Abrasion resistant Non-marking to glass Low porosity Resists oxidizing atmospheres better than carbon or graphite Machinable with standard equipment High-impact strength Can be molded to net shape based on consumer specifications Information provided by Pyrotek.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Pyrotek-MCX-40-Insulating-Board.php

Physical Properties	Metric	English	Comments
Density	2.491 g/cc	0.08999 lb/in ³	
Water Absorption	0.00 %	0.00 %	

Mechanical Properties	Metric	English	Comments
Flexural Strength	90.0 MPa	13100 psi	
Compressive Strength	310 MPa	45000 psi	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.420 W/m-K	2.91 BTU-in/hr-ft ² -°F	
Maximum Service Temperature, Air	510 °C	950 °F	Continuous

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