

Von Roll Isola IMI MICA MAT® Inorganic Bonded Mica Plate

Category : Ceramic , Oxide , Aluminum Oxide , Silicon Oxide

Material Notes:

Data provided by Von Roll Isola USA. Rigid plate designed for use as a non-conducting structural component up to 760°C. 100% inorganic so it maintains good physical and electrical properties at elevated temperatures and frequencies, and in the presence of radiation. Resists attack by organic oils and solvents.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Von-Roll-Isola-IMI-MICA-MAT-Inorganic-Bonded-Mica-Plate.php

Physical Properties	Metric	English	Comments
Density	2.44 g/cc	0.0882 lb/in ³	

Mechanical Properties	Metric	English	Comments
Flexural Strength	207 MPa	30000 psi	
Shear Strength	69.0 MPa	10000 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	760 °C	1400 °F	Used as a non-conducting structural component up to this temp.

Electrical Properties	Metric	English	Comments
Dielectric Strength	59.0 kV/mm	1500 kV/in	

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