

Tipco Tipcolite® THD 411 Phenolic Compound, Mica, Asbestos & Cellulose, Medium Flow & High Electrical Properties

Category : Polymer , Thermoset , Phenolic

Material Notes:

Medium Flow Phenolic Compound, Reinforced with Mica, Asbestos & Cellulose Applications: Electrical & Electronics Processing: Compression Molding Information provided by the Manufacturer, Tipco Industries Ltd., India.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Tipco-Tipcolite-THD-411-Phenolic-Compound-Mica-Asbestos-Cellulose-Medium-Flow-High-Electrical-Properties.php

Physical Properties	Metric	English	Comments
Density	1.75 g/cc	0.0632 lb/in ³	ASTM D792
Apparent Bulk Density	0.850 g/cc	0.0307 lb/in ³	TRM-37
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	30.0 MPa	4350 psi	ASTM D638
Flexural Yield Strength	61.0 MPa	8850 psi	ASTM D790
Izod Impact, Unnotched (ISO)	1.60 kJ/m ²	0.761 ft-lb/in ²	ASTM D256

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.58e+12 ohm-cm	1.58e+12 ohm-cm	ASTM D257
Surface Resistance	1.26e+12 ohm	1.26e+12 ohm	ASTM D257
Dielectric Strength	9.50 kV/mm	241 kV/in	ASTM D149

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China