

Tipco Tipcolite® TG 211 Phenolic Compound, Mineral & Wood Flour, Soft Flow & High Electrical Properties

Category : Polymer , Thermoset , Phenolic

Material Notes:

Soft Flow Phenolic Compound, Reinforced with Mineral & Wood Flour 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-TG-211-Phenolic-Compound-Mineral-Wood-Flour-Soft-Flow-High-Electrical-Properties.php

Physical Properties	Metric	English	Comments
Density	1.41 g/cc	0.0509 lb/in ³	ASTM D792
Apparent Bulk Density	0.700 g/cc	0.0253 lb/in ³	TRM-37
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	50.0 MPa	7250 psi	ASTM D638
Flexural Yield Strength	70.0 MPa	10200 psi	ASTM D790
Izod Impact, Notched (ISO)	2.20 kJ/m ²	1.05 ft-lb/in ²	ASTM D256

Electrical Properties	Metric	English	Comments
Volume Resistivity	3.16e+10 ohm-cm	3.16e+10 ohm-cm	ASTM D257
Surface Resistance	3.16e+9 ohm	3.16e+9 ohm	ASTM D257
Dielectric Strength	9.00 kV/mm	229 kV/in	ASTM D149

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