

Tipco Tipcolite® TMS 211 Phenolic Compound, Cotton, Filler & Wood Flour, having Medium Flow & High Strength

Category : Polymer , Thermoset , Phenolic

Material Notes:

Medium Flow Phenolic Compound, Reinforced with Cotton, Filler & Wood Flour
Applications: Industrial & Automotives
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-TMS-211-Phenolic-Compound-Cotton-Filler-Wood-Flour-having-Medium-Flow-High-Strength.php

Physical Properties	Metric	English	Comments
Density	1.46 g/cc	0.0527 lb/in ³	ASTM D792
Apparent Bulk Density	0.420 g/cc	0.0152 lb/in ³	TRM-37
Linear Mold Shrinkage	0.0055 cm/cm	0.0055 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	45.0 MPa	6530 psi	ASTM D638
Flexural Yield Strength	75.0 MPa	10900 psi	ASTM D790
Izod Impact, Unnotched (ISO)	2.60 kJ/m ²	1.24 ft-lb/in ²	ASTM D256

Electrical Properties	Metric	English	Comments
Volume Resistivity	5.01e+9 ohm-cm	5.01e+9 ohm-cm	ASTM D257
Surface Resistance	5.01e+8 ohm	5.01e+8 ohm	ASTM D257
Dielectric Strength	5.00 kV/mm	127 kV/in	ASTM D149

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