

## Tipco Tipcolite® THD 121 Phenolic Compound, Wood Flour, having Medium Flow & High Strength

Category : Polymer , Thermoset , Phenolic

### Material Notes:

Medium Flow Phenolic Compound, Reinforced with 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-THD-121-Phenolic-Compound-Wood-Flour-having-Medium-Flow-High-Strength.php](http://www.lookpolymers.com/polymer_Tipco-Tipcolite-THD-121-Phenolic-Compound-Wood-Flour-having-Medium-Flow-High-Strength.php)

Physical Properties	Metric	English	Comments
Density	1.73 g/cc	0.0625 lb/in <sup>3</sup>	ASTM D792
Apparent Bulk Density	0.700 g/cc	0.0253 lb/in <sup>3</sup>	TRM-37
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	45.0 MPa	6530 psi	ASTM D638
Flexural Yield Strength	85.0 MPa	12300 psi	ASTM D790
Izod Impact, Unnotched (ISO)	2.40 kJ/m <sup>2</sup>	1.14 ft-lb/in <sup>2</sup>	ASTM D256

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+12 ohm-cm	1.00e+12 ohm-cm	ASTM D257
Surface Resistance	1.00e+11 ohm	1.00e+11 ohm	ASTM D257
Dielectric Strength	9.00 kV/mm	229 kV/in	ASTM D149

## Contact Songhan Plastic Technology Co.,Ltd.

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