

## Tipco Tipcolite® TG 617 Phenolic Compound, Mineral & Wood Flour, Medium Flow & High Electrical Properties

Category : Polymer , Thermoset , Phenolic

### Material Notes:

Medium Flow Phenolic Compound, Reinforced with Mineral & Wood Flour  
Applications: Electrical & Electronics  
Processing: Compression & Transfer  
Information provided by the Manufacturer, Tipco Industries Ltd., India.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Tipco-Tipcolite-TG-617-Phenolic-Compound-Mineral-Wood-Flour-Medium-Flow-High-Electrical-Properties.php](http://www.lookpolymers.com/polymer_Tipco-Tipcolite-TG-617-Phenolic-Compound-Mineral-Wood-Flour-Medium-Flow-High-Electrical-Properties.php)

Physical Properties	Metric	English	Comments
Density	1.39 g/cc	0.0502 lb/in <sup>3</sup>	ASTM D792
Apparent Bulk Density	0.630 g/cc	0.0228 lb/in <sup>3</sup>	TRM-37
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	44.0 MPa	6380 psi	ASTM D638
Flexural Yield Strength	62.0 MPa	8990 psi	ASTM D790
Izod Impact, Notched (ISO)	2.20 kJ/m <sup>2</sup>	1.05 ft-lb/in <sup>2</sup>	ASTM D256

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.60e+10 ohm-cm	1.60e+10 ohm-cm	ASTM D257
Surface Resistance	1.60e+9 ohm	1.60e+9 ohm	ASTM D257
Dielectric Strength	4.50 kV/mm	114 kV/in	ASTM D149

## Contact Songhan Plastic Technology Co.,Ltd.

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