

## Tipco Tipcolite® TX 321 Phenolic Compound, Wood Flour & Minerals, having Soft Flow & High Electrical Properties

Category : Polymer , Thermoset , Phenolic

### Material Notes:

Soft Flow Phenolic Compound, Reinforced with Wood Flour & Minerals  
Applications: Switchgear, HRC Fuses  
Processing: Injection Moulding  
Information provided by the Manufacturer, Tipco Industries Ltd., India.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Tipco-Tipcolite-TX-321-Phenolic-Compound-Wood-Flour-Minerals-having-Soft-Flow-High-Electrical-Properties.php](http://www.lookpolymers.com/polymer_Tipco-Tipcolite-TX-321-Phenolic-Compound-Wood-Flour-Minerals-having-Soft-Flow-High-Electrical-Properties.php)

Physical Properties	Metric	English	Comments
Density	1.41 g/cc	0.0509 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	0.0070 cm/cm	0.0070 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)	2.40 kJ/m <sup>2</sup>	1.14 ft-lb/in <sup>2</sup>	ASTM D256

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+11 ohm-cm	1.00e+11 ohm-cm	ASTM D257
Surface Resistance	1.00e+10 ohm	1.00e+10 ohm	ASTM D257
Dielectric Strength	9.00 kV/mm	229 kV/in	ASTM D149

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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