

Tipco Tipcolite® THD 111 Phenolic Compound, Short Glass Fibers & Minerals, Medium -Soft Flow & High Strength

Category : Polymer , Thermoset , Phenolic

Material Notes:

Medium -Soft Flow Phenolic Compound, Reinforced with Short Glass Fibres & Minerals
Applications: Automotives & Electrical 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-THD-111-Phenolic-Compound-Short-Glass-Fibers-Minerals-Medium-Soft-Flow-High-Strength.php

Physical Properties	Metric	English	Comments
Density	1.65 g/cc	0.0596 lb/in ³	ASTM D792
Apparent Bulk Density	0.680 g/cc	0.0246 lb/in ³	TRM-37
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	55.0 MPa	7980 psi	ASTM D638
Flexural Yield Strength	95.0 MPa	13800 psi	ASTM D790
Izod Impact, Unnotched (ISO)	4.00 kJ/m ²	1.90 ft-lb/in ²	ASTM D256

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.00e+12 ohm-cm	2.00e+12 ohm-cm	ASTM D257
Surface Resistance	2.00e+11 ohm	2.00e+11 ohm	ASTM D257
Dielectric Strength	9.00 kV/mm	229 kV/in	ASTM D149

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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