

Tipco Tipcolite® VASW 150 Phenolic Compound, Glass Fibers & Minerals, Medium-Soft Flow & High Strength

Category : Polymer , Thermoset , Phenolic

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Tipco-Tipcolite-VASW-150-Phenolic-Compound-Glass-Fibers-Minerals-Medium-Soft-Flow-High-Strength.php

Physical Properties	Metric	English	Comments
Density	1.71 g/cc	0.0618 lb/in ³	ASTM D792
Apparent Bulk Density	0.700 g/cc	0.0253 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	93.0 MPa	13500 psi	ASTM D790
Izod Impact, Unnotched (ISO)	3.20 kJ/m ²	1.52 ft-lb/in ²	ASTM D256

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.59e+11 ohm-cm	1.59e+11 ohm-cm	ASTM D257
Surface Resistance	1.00e+11 ohm	1.00e+11 ohm	ASTM D257
Dielectric Strength	10.0 kV/mm	254 kV/in	ASTM D149

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