

Tipco Tipcolite® VASW 200 Phenolic Compound, Long Glass Fiber, in fluffy form, Medium -Soft Flow & Very High Strength

Category : Polymer , Thermoset , Phenolic

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Tipco-Tipcolite-VASW-200-Phenolic-Compound-Long-Glass-Fiber-in-fluffy-form-Medium-Soft-Flow-Very-High-Strength.php

Physical Properties	Metric	English	Comments
Density	1.79 g/cc	0.0647 lb/in ³	ASTM D792
Apparent Bulk Density	0.200 g/cc	0.00723 lb/in ³	TRM-37
Linear Mold Shrinkage	0.0015 cm/cm	0.0015 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	115 MPa	16700 psi	ASTM D638
Flexural Yield Strength	185 MPa	26800 psi	ASTM D790
Izod Impact, Unnotched (ISO)	45.0 kJ/m ²	21.4 ft-lb/in ²	ASTM D256

Electrical Properties	Metric	English	Comments
Volume Resistivity	3.16e+12 ohm-cm	3.16e+12 ohm-cm	ASTM D257
Surface Resistance	3.16e+12 ohm	3.16e+12 ohm	ASTM D257
Dielectric Strength	15.0 kV/mm	381 kV/in	ASTM D149

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