

Tipco Tipcolene® FPW 35 - 35% Wollastonite Reinforced Polypropylene Homopolymer, High Heat Stability

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

35% Wollastonite Reinforced PP Homopolymer Applications: Automotive & Appliances Processing: Injection Molding Information provided by the Manufacturer, Tipco Industries Ltd., India.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Tipco-Tipcolene-FPW-35-35-Wollastonite-Reinforced-Polypropylene-Homopolymer-High-Heat-Stability.php

Physical Properties	Metric	English	Comments
Density	1.18 g/cc	0.0426 lb/in ³	ASTM D792
Melt Flow	8.0 g/10 min	8.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	26.0 MPa	3770 psi	ASTM D638
Elongation at Break	>= 10 %	>= 10 %	ASTM D638
Flexural Yield Strength	41.0 MPa	5950 psi	ASTM D790
Flexural Modulus	2.90 GPa	421 ksi	ASTM D790
Izod Impact, Notched (ISO)	2.00 kJ/m ²	0.952 ft-lb/in ²	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	82.0 °C	180 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	121 °C	250 °F	ASTM D648

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