

Tipco Tipcolene® FPT 20 PPC - 20% Talc Reinforced Polypropylene Copolymer Compound

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

20% Talc Reinforced PP Copolymer Applications: General Purpose 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-FPT-20-PPC-20-Talc-Reinforced-Polypropylene-Copolymer-Compound.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.014 cm/cm	0.014 in/in	
Melt Flow	6.0 g/10 min	6.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	29.0 MPa	4210 psi	ASTM D638
Elongation at Break	>= 70 %	>= 70 %	ASTM D638
Flexural Yield Strength	40.0 MPa	5800 psi	ASTM D790
Flexural Modulus	2.30 GPa	334 ksi	ASTM D790
Izod Impact, Notched (ISO)	8.00 kJ/m ²	3.81 ft-lb/in ²	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	75.0 °C	167 °F	ASTM D648

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