

Tipco Tipcolene® FPT 30 PPC - 30% Talc Reinforced Polypropylene Copolymer Compound

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

30% 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-30-PPC-30-Talc-Reinforced-Polypropylene-Copolymer-Compound.php

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0125 cm/cm	0.0125 in/in	ASTM D955
Melt Flow	5.0 g/10 min	5.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	32.0 MPa	4640 psi	ASTM D638
Elongation at Break	>= 50 %	>= 50 %	ASTM D638
Flexural Yield Strength	40.0 MPa	5800 psi	ASTM D790
Flexural Modulus	3.00 GPa	435 ksi	ASTM D790
Izod Impact, Notched (ISO)	5.50 kJ/m ²	2.62 ft-lb/in ²	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	80.0 °C	176 °F	ASTM D648

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