

Tipco Tipcolene® FPT 30 BK CP - 30% Talc Polypropylene Homopolymer, Special Heat Stability

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

30% Talc Reinforced PP Homopolymer with Special Additives
Applications: Automotives
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-BK-CP-30-Talc-Polypropylene-Homopolymer-Special-Heat-Stability.php

Physical Properties	Metric	English	Comments
Density	1.15 g/cc	0.0415 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.010 cm/cm	0.010 in/in	ASTM D955
Melt Flow	4.0 g/10 min	4.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	24.0 MPa	3480 psi	ASTM D638
Elongation at Break	>= 20 %	>= 20 %	ASTM D638
Flexural Yield Strength	39.0 MPa	5660 psi	ASTM D790
Flexural Modulus	2.75 GPa	399 ksi	ASTM D790
Izod Impact, Notched (ISO)	3.00 kJ/m ²	1.43 ft-lb/in ²	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	85.0 °C	185 °F	ASTM D648

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