

Tipco Tipcolene® FPC 20 HG - 20% Calcium Carbonate Reinforced, High Gloss Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

20% Calcium Carbonate Filled PP Homopolymer with High Gloss Applications: Furniture & 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-FPC-20-HG-20-Calcium-Carbonate-Reinforced-High-Gloss-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.016 cm/cm	0.016 in/in	ASTM D955
Melt Flow	9.0 g/10 min	9.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	30.0 MPa	4350 psi	ASTM D638
Elongation at Break	>= 70 %	>= 70 %	ASTM D638
Flexural Yield Strength	43.0 MPa	6240 psi	ASTM D790
Flexural Modulus	1.96 GPa	284 ksi	ASTM D790
Izod Impact, Notched (ISO)	4.50 kJ/m ²	2.14 ft-lb/in ²	ASTM D256

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