

## Tipco Tipcolene® FPC 40 - 40% Calcium Carbonate Reinforced Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

### Material Notes:

40% Calcium Carbonate Filled PP Homopolymer  
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-FPC-40-40-Calcium-Carbonate-Reinforced-Polypropylene-Homopolymer.php](http://www.lookpolymers.com/polymer_Tipco-Tipcolene-FPC-40-40-Calcium-Carbonate-Reinforced-Polypropylene-Homopolymer.php)

Physical Properties	Metric	English	Comments
Density	1.24 g/cc	0.0448 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.014 cm/cm	0.014 in/in	ASTM D955
Melt Flow	8.0 g/10 min	8.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	24.5 MPa	3550 psi	ASTM D638
Elongation at Break	>= 50 %	>= 50 %	ASTM D638
Flexural Yield Strength	45.0 MPa	6530 psi	ASTM D790
Flexural Modulus	2.60 GPa	377 ksi	ASTM D790
Izod Impact, Notched (ISO)	3.00 kJ/m <sup>2</sup>	1.43 ft-lb/in <sup>2</sup>	ASTM D256

## Contact Songhan Plastic Technology Co.,Ltd.

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