

Tipco Tipcolene® HR 8234 - 10% Talc/Mineral Reinforced Polypropylene Copolymer, Very High Impact Strength & Flow

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

10% Mineral Reinforced, Very High Impact PP Copolymer Applications: Automotive Bumpers 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-HR-8234-10-TalcMineral-Reinforced-Polypropylene-Copolymer-Very-High-Impact-Strength-Flow.php

Physical Properties	Metric	English	Comments
Density	0.990 g/cc	0.0358 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.012 cm/cm	0.012 in/in	ASTM D955
Melt Flow	16 g/10 min	16 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	18.5 MPa	2680 psi	ASTM D638
Elongation at Break	>= 75 %	>= 75 %	ASTM D638
Flexural Yield Strength	24.0 MPa	3480 psi	ASTM D790
Flexural Modulus	1.40 GPa	203 ksi	ASTM D790
Izod Impact, Notched (ISO)	50.0 kJ/m ²	23.8 ft-lb/in ²	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	100 °C	212 °F	ASTM D648

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