

Tipco Tipcolene® TPE 1000 - Impact Modified Polypropylene Copolymer Compound with High Stiffness

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

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-TPE-1000-Impact-Modified-Polypropylene-Copolymer-Compound-with-High-Stiffness.php

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.016 cm/cm	0.016 in/in	ASTM D955
Melt Flow	12 g/10 min	12 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	19.5 MPa	2830 psi	ASTM D638
Elongation at Break	>= 150 %	>= 150 %	ASTM D638
Flexural Modulus	0.900 GPa	131 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)	90.0 °C	194 °F	ASTM D648

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