

Tipco Tipcolene® TPE-HMI TPE HMI - Impact Modified Polypropylene Copolymer Compound with High Flow, Soft Touch

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-HMI-TPE-HMI-Impact-Modified-Polypropylene-Copolymer-Compound-with-High-Flow-Soft-Touch.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.017 cm/cm	0.017 in/in	ASTM D955
Melt Flow	15 g/10 min	15 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	16.0 MPa	2320 psi	ASTM D638
Elongation at Break	>= 300 %	>= 300 %	ASTM D638
Flexural Yield Strength	19.5 MPa	2830 psi	ASTM D790
Flexural Modulus	0.550 GPa	79.8 ksi	ASTM D790
Izod Impact, Notched (ISO)	65.0 kJ/m ²	30.9 ft-lb/in ²	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	75.0 °C	167 °F	ASTM D648

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