

Tipco Tipcolene® X 408 IN - 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-X-408-IN-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	20 g/10 min	20 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	55	55	
Tensile Strength, Yield	16.0 MPa	2320 psi	ASTM D638
Elongation at Break	>= 200 %	>= 200 %	ASTM D638
Flexural Yield Strength	17.5 MPa	2540 psi	ASTM D790
Flexural Modulus	1.45 GPa	210 ksi	ASTM D790
Izod Impact, Notched (ISO)	60.0 kJ/m ²	28.6 ft-lb/in ²	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	98.0 °C	208 °F	ASTM D648

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