

Tipco Tipcolene® CR 8229 - 20% Talc/Mineral Reinforced Polypropylene Copolymer Compound with Controlled Rheology

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

20% Mineral Reinforced, High Flow & Controlled Rheology PP Copolymer Applications: Automotive Door Trims 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-CR-8229-20-TalcMineral-Reinforced-Polypropylene-Copolymer-Compound-with-Controlled-Rheology.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.012 cm/cm	0.012 in/in	ASTM D955
Melt Flow	18 g/10 min	18 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	24.0 MPa	3480 psi	ASTM D638
Elongation at Break	>= 30 %	>= 30 %	ASTM D638
Flexural Yield Strength	40.0 MPa	5800 psi	ASTM D790
Flexural Modulus	2.25 GPa	326 ksi	ASTM D790
Izod Impact, Notched (ISO)	8.00 kJ/m ²	3.81 ft-lb/in ²	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	125 °C	257 °F	ASTM D648

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