

Tipco Tipcolene® DR 8201 - 20% Talc/Mineral Reinforced, Impact Modified, Polypropylene Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

20% Mineral Reinforced, Impact Modified PP Copolymer Blend Applications: Automotive Dashboards 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-DR-8201-20-TalcMineral-Reinforced-Impact-Modified-Polypropylene-Copolymer.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.013 cm/cm	0.013 in/in	ASTM D955
Melt Flow	9.0 g/10 min	9.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	24.0 MPa	3480 psi	ASTM D638
Elongation at Break	>= 75 %	>= 75 %	ASTM D638
Flexural Yield Strength	37.0 MPa	5370 psi	ASTM D790
Flexural Modulus	1.96 GPa	284 ksi	ASTM D790
Izod Impact, Notched (ISO)	10.0 kJ/m ²	4.76 ft-lb/in ²	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	123 °C	253 °F	ASTM D648

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