

Tipco Tipcolene® NPI 200 IN - 25% Talc/Mineral Reinforced Polypropylene Copolymer with Very High Flow, Stiffness & Impact Strength

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

20% Mineral Reinforced, Very High Stiffness & Very High Impact PP Copolymer 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-NPI-200-IN-25-TalcMineral-Reinforced-Polypropylene-Copolymer-with-Very-High-Flow-Stiffness-Impact-Strength.php

Physical Properties	Metric	English	Comments
Density	1.08 g/cc	0.0390 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0125 cm/cm	0.0125 in/in	ASTM D955
Melt Flow	15 g/10 min	15 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	75	75	
Tensile Strength, Yield	19.5 MPa	2830 psi	ASTM D638
Elongation at Break	>= 90 %	>= 90 %	ASTM D638
Flexural Yield Strength	35.0 MPa	5080 psi	ASTM D790
Flexural Modulus	2.70 GPa	392 ksi	ASTM D790
Izod Impact, Notched (ISO)	40.0 kJ/m ²	19.0 ft-lb/in ²	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	130 °C	266 °F	ASTM D648

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