

Tipco Tipcolene® FPDZ-1000 - 25% Talc/Mineral Reinforced Polypropylene Copolymer, High Stiffness & Impact Strength

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Mineral Reinforced, High Stiffness, 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-FPDZ-1000-25-TalcMineral-Reinforced-Polypropylene-Copolymer-High-Stiffness-Impact-Strength.php

Physical Properties	Metric	English	Comments
Density	1.11 g/cc	0.0401 lb/in ³	ASTM D792
Melt Flow	6.0 g/10 min	6.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	24.5 MPa	3550 psi	ASTM D638
Elongation at Break	>= 80 %	>= 80 %	ASTM D638
Flexural Modulus	2.50 GPa	363 ksi	ASTM D790
Izod Impact, Notched (ISO)	20.0 kJ/m ²	9.52 ft-lb/in ²	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	120 °C	248 °F	ASTM D648

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