

Tipco Tipcolene® HR 7224 - 25% Talc/Mineral Reinforced, Impact Modified Polypropylene Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

25% Mineral Reinforced, Impact Modified PP Copolymer Blend Applications: Automotive Dashboard 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-HR-7224-25-TalcMineral-Reinforced-Impact-Modified-Polypropylene-Copolymer.php

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.011 cm/cm	0.011 in/in	ASTM D955
Melt Flow	7.0 g/10 min	7.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	19.0 MPa	2760 psi	ASTM D638
Elongation at Break	>= 75 %	>= 75 %	ASTM D638
Flexural Yield Strength	29.0 MPa	4210 psi	ASTM D790
Flexural Modulus	2.00 GPa	290 ksi	ASTM D790
Izod Impact, Notched (ISO)	26.0 kJ/m ²	12.4 ft-lb/in ²	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	110 °C	230 °F	ASTM D648

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