SABIC Innovative Plastics LNP THERMOCOMP MX99432 PP

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

LNP* THERMOCOMP* MX99432 is a compound based on Polypropylene resin containing Proprietary Filler(s).

Order this product through the following link:
http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-MX99432-PP.php

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/inÂ³	ASTM D792
Linear Mold Shrinkage, Flow	0.0020 cm/cm @Time 86400 sec	0.0020 in/in @Time 24.0 hour	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	57.0 MPa	8270 psi	ASTM D638
Elongation at Break	2.9 %	2.9 %	ASTM D638
Tensile Modulus	5.27 GPa	764 ksi	50 mm/min; ASTM D638
Flexural Strength	89.0 MPa	12900 psi	ASTM D790
Flexural Modulus	4.61 GPa	669 ksi	ASTM D790
Izod Impact, Notched	0.740 J/cm	1.39 ft-lb/in	ASTM D256
Izod Impact, Unnotched	5.09 J/cm	9.54 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	145 Â°C @Thickness 3.20 mm	293 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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