

SABIC Innovative Plastics LNP THERMOCOMP MF001AS PP

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

LNP* THERMOCOMP* MF001AS is a compound based on Polypropylene resin containing 5% Glass Fiber. Added features of this material include: Heat Stabilized.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-MF001AS-PP.php

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.010 cm/cm @Time 86400 sec	0.010 in/in @Time 24.0 hour	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	39.0 MPa	5660 psi	ASTM D638
Elongation at Break	4.9 %	4.9 %	ASTM D638
Tensile Modulus	2.28 GPa	331 ksi	50 mm/min; ASTM D638
Flexural Strength	55.0 MPa	7980 psi	ASTM D790
Flexural Modulus	2.16 GPa	313 ksi	ASTM D790
Izod Impact, Notched	0.320 J/cm	0.599 ft-lb/in	ASTM D256
Izod Impact, Unnotched	4.23 J/cm	7.92 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	95.0 Å°C @Thickness 3.20 mm	203 Å°F @Thickness 0.126 in	unannealed; ASTM D648

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