

SABIC Innovative Plastics LNP THERMOCOMP MB006HS PP

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

LNP* THERMOCOMP* MB006HS is a compound based on Polypropylene resin containing 30% Glass Bead. Added features of this material include: Heat Stabilized, Healthcare.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-MB006HS-PP.php

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 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	28.0 MPa	4060 psi	ASTM D638
Elongation at Break	23.4 %	23.4 %	ASTM D638
Tensile Modulus	2.59 GPa	376 ksi	50 mm/min; ASTM D638
Flexural Strength	41.0 MPa	5950 psi	ASTM D790
Flexural Modulus	2.04 GPa	296 ksi	ASTM D790
Izod Impact, Notched	0.210 J/cm	0.393 ft-lb/in	ASTM D256
Izod Impact, Unnotched	2.29 J/cm	4.29 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	63.0 Â°C @Thickness 3.20 mm	145 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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