

SABIC Innovative Plastics LNP Thermocomp MF006ASJ PP

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

LNP THERMOCOMP* MF006ASJ is a compound based on Polypropylene resin containing Glass Fiber. Added features of this material include: Heat Stabilized, Healthcare. This data was supplied by SABIC-IP for the Americas region.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Thermocomp-MF006ASJ-PP.php

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in ³	ASTM D 792
Linear Mold Shrinkage, Flow	0.0030 cm/cm @Time 86400 sec	0.0030 in/in @Time 24.0 hour	ASTM D 955
Linear Mold Shrinkage, Transverse	0.011 cm/cm @Time 86400 sec	0.011 in/in @Time 24.0 hour	ASTM D 955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	73.0 MPa	10600 psi	ASTM D 638
Elongation at Break	2.2 %	2.2 %	ASTM D 638
Flexural Strength	113 MPa	16400 psi	ASTM D 790
Flexural Modulus	6.20 GPa	899 ksi	ASTM D 790
Izod Impact, Notched	0.690 J/cm @Temperature 23.0 °C	1.29 ft-lb/in @Temperature 73.4 °F	ASTM D 256
Izod Impact, Unnotched	3.20 J/cm @Temperature 23.0 °C	5.99 ft-lb/in @Temperature 73.4 °F	ASTM D 4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	147 °C @Thickness 3.20 mm	297 °F @Thickness 0.126 in	unannealed; ASTM D 648

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