

SABIC Innovative Plastics LNP THERMOCOMP MF006A PP (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

LNP* THERMOCOMP* MF006A is a compound based on Polypropylene resin containing Glass Fiber.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-MF006A-PP-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.15 g/cc	0.0415 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.0012 cm/cm	0.0012 in/in	SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	81.0 MPa	11700 psi	50 mm/min; ISO 527
Elongation at Yield	1.9 %	1.9 %	50 mm/min; ISO 527
Tensile Modulus	6.50 GPa	943 ksi	1 mm/min; ISO 527
Flexural Yield Strength	102 MPa	14800 psi	2 mm/min; ISO 178
Flexural Modulus	6.20 GPa	899 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	6.00 kJ/m ²	2.86 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	20.0 kJ/m ²	9.52 ft-lb/in ²	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	142 Â°C	288 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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