

SABIC Innovative Plastics LNP THERMOCOMP MF006SXP PP (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

LNP* THERMOCOMP* MF006SXP is a compound based on Polypropylene resin containing Glass Fiber. Added features include: Chemically Coupled.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-MF006SXP-PP-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.11 g/cc	0.0401 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	81.0 MPa	11700 psi	50 mm/min; ISO 527
Elongation at Yield	2.6 %	2.6 %	50 mm/min; ISO 527
Tensile Modulus	5.70 GPa	827 ksi	1 mm/min; ISO 527
Flexural Yield Strength	105 MPa	15200 psi	2 mm/min; ISO 178
Flexural Modulus	5.10 GPa	740 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	9.00 kJ/m ²	4.28 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	35.0 kJ/m ²	16.7 ft-lb/in ²	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	35.0 Âµm/m-Â°C	19.4 Âµin/in-Â°F	ISO 11359-2
	@Temperature 23.0 - 60.0 Â°C	@Temperature 73.4 - 140 Â°F	
CTE, linear, Transverse to Flow	126 Âµm/m-Â°C	70.0 Âµin/in-Â°F	ISO 11359-2
	@Temperature 23.0 - 60.0 Â°C	@Temperature 73.4 - 140 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	136 Â°C	277 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af
Flammability, UL94	HB	HB	UL 94
	@Thickness 1.00 mm	@Thickness 0.0394 in	

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