

LNP™ THERMOCOMP™ JF006E compound

Polyethersulfone

SABIC Innovative Plastics

Message:

LNP THERMOCOMP JF006E is a compound based on Polyethersulfone resin containing Glass Fiber. Added features of this material include: Easy Molding.

Also known as: LNP* THERMOCOMP* Compound JF1006EM

Product reorder name: JF006E

General Information			
UL YellowCard	E45329-101283860		
Filler / Reinforcement	Glass fiber reinforced material		
Features	Good formability		
RoHS Compliance	RoHS compliance		
Physical	Nominal Value	Unit	Test Method
Density	1.62	g/cm ³	ISO 1183
Molding Shrinkage - Flow ¹	0.20 - 0.40	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10100	MPa	ISO 527-2/1
Tensile Stress (Break)	127	MPa	ISO 527-2/5
Tensile Strain (Break)	1.8	%	ISO 527-2/5
Flexural Modulus ²	9100	MPa	ISO 178
Flexural Stress	178	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact ³ (23°C)	6.0	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ⁴ (23°C)	30	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁵ (1.8 MPa, Unannealed, 64.0 mm Span)	208	°C	ISO 75-2/Af
NOTE			
1.	Tensile Bar		
2.	2.0 mm/min		
3.	80*10*4		
4.	80*10*4		
5.	80*10*4 mm		

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Recommended distributors for this material

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