

LNP™ THERMOCOMP™ JF002 compound

Polyethersulfone

SABIC Innovative Plastics

Message:

LNP THERMOCOMP JF002 is a compound based on Polyethersulfone resin containing Glass Fiber.

Also known as: LNP* THERMOCOMP* Compound JF1002

Product reorder name: JF002

General Information			
UL YellowCard	E45329-101282591		
Filler / Reinforcement	Glass fiber reinforced material		
RoHS Compliance	RoHS compliance		
Physical	Nominal Value	Unit	Test Method
Density	1.44	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4500	MPa	ISO 527-2/1
Tensile Stress (Break)	106	MPa	ISO 527-2/5
Tensile Strain (Break)	4.2	%	ISO 527-2/5
Flexural Modulus ¹	4100	MPa	ISO 178
Flexural Stress	155	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact ² (23°C)	10	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ³ (23°C)	50	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Linear thermal expansion coefficient			ISO 11359-2
Flow: 23 to 60°C	3.8E-5	cm/cm/°C	ISO 11359-2
Lateral: 23 to 60°C	6.0E-5	cm/cm/°C	ISO 11359-2
Flammability	Nominal Value	Test Method	
Flame Rating (0.500 mm)	V-0	UL 94	
NOTE			
1.	2.0 mm/min		
2.	80*10*4		
3.	80*10*4		

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Recommended distributors for this material

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