

LNP™ THERMOCOMP™ JF002R compound

Polyethersulfone

SABIC Innovative Plastics Europe

Message:

LNP THERMOCOMP JF002R is a compound based on Polyethersulfone resin containing Glass Fiber, Glass Bead. Added features of this material include: Mold Release.

Also known as: LNP* THERMOCOMP* Compound JF-1002 MG MR

Product reorder name: JF002R

General Information			
Filler / Reinforcement	Glass Bead\Glass Fiber		
Additive	Mold Release		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.45	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3500	MPa	ISO 527-2/1
Tensile Stress (Yield)	83.0	MPa	ISO 527-2/5
Tensile Strain (Yield)	4.5	%	ISO 527-2/5
Flexural Modulus ¹	3200	MPa	ISO 178
Flexural Stress ²			ISO 178
-- ³	133	MPa	
-- ⁴	74.0	MPa	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ⁵ (23°C)	6.0	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ⁶ (23°C)	45	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁷			
0.45 MPa, Unannealed, 64.0 mm Span	221	°C	ISO 75-2/Bf
1.8 MPa, Unannealed, 64.0 mm Span	212	°C	ISO 75-2/Af
CLTE			ISO 11359-2
Flow : 23 to 60°C	4.3E-5	cm/cm/°C	
Transverse : 23 to 60°C	5.5E-5	cm/cm/°C	
NOTE			
1.	2.0 mm/min		
2.	2.0 mm/min		
3.	Yield		
4.	Break		
5.	80*10*4		
6.	80*10*4		
7.	80*10*4 mm		

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Recommended distributors for this material

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