

LNP™ THERMOCOMP™ GF004 compound

Polysulfone

SABIC Innovative Plastics

Message:

LNP THERMOCOMP GF004 is a compound based on Polysulfone resin containing Glass Fiber.

Also known as: LNP* THERMOCOMP* Compound GF1004

Product reorder name: GF004

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
RoHS Compliance	RoHS compliance		
Physical	Nominal Value	Unit	Test Method
Density	1.38	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	103	MPa	ISO 527-2/5
Tensile Strain (Break)	2.0	%	ISO 527-2/5
Flexural Modulus ¹	6500	MPa	ISO 178
Flexural Stress	153	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)	40	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁴			
0.45 MPa, unannealed, 64.0mm span	185	°C	ISO 75-2/Bf
1.8 MPa, unannealed, 64.0mm span	182	°C	ISO 75-2/Af
Linear thermal expansion coefficient			ISO 11359-2
Flow: 23 to 60°C	2.7E-5	cm/cm/°C	ISO 11359-2
Lateral: 23 to 60°C	5.8E-5	cm/cm/°C	ISO 11359-2
NOTE			
1.	2.0 mm/min		
2.	80*10*4		
3.	80*10*4		
4.	80*10*4 mm		

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Recommended distributors for this material

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