

LNP™ THERMOCOMP™ IB008 compound

Polyamide 612

SABIC Innovative Plastics Europe

Message:

LNP THERMOCOMP IB008 is a compound based on Nylon 6/12 resin containing Glass Bead.

Also known as: LNP* THERMOCOMP* Compound IB1008

Product reorder name: IB008

General Information			
Filler / Reinforcement	Glass Bead		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm ³	ISO 1183
Molding Shrinkage - Flow ¹	1.4 to 1.8	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	74.0	MPa	ISO 527-2/5
Tensile Strain (Break)	3.6	%	ISO 527-2/5
Flexural Modulus ²	3900	MPa	ISO 178
Flexural Stress	103	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ³ (23°C)	4.0	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ⁴ (23°C)	15	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁵ (1.8 MPa, Unannealed, 64.0 mm Span)	87.0	°C	ISO 75-2/Af
CLTE			ISO 11359-2
Flow : 23 to 60°C	8.3E-5	cm/cm/°C	
Transverse : 23 to 60°C	7.9E-5	cm/cm/°C	
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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