

LNP™ THERMOCOMP™ JX97000 compound

Polyethersulfone
SABIC Innovative Plastics Europe

Message:

LNP THERMOCOMP JX97000 is a compound based on Polyethersulfone resin containing Glass Fiber. Added features of this material include: Mold Release.
Also known as: LNP* THERMOCOMP* Compound PDX-J-97000
Product reorder name: JX97000

General Information			
Filler / Reinforcement	Glass Fiber		
Additive	Mold Release		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.61	g/cm ³	ISO 1183
Molding Shrinkage - Flow ¹	0.20 to 0.40	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	9700	MPa	ISO 527-2/1
Tensile Stress (Break)	139	MPa	ISO 527-2/5
Tensile Strain (Break)	2.0	%	ISO 527-2/5
Flexural Modulus ²	8200	MPa	ISO 178
Flexural Stress	183	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ³ (23°C)	8.0	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ⁴ (23°C)	35	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁵			
0.45 MPa, Unannealed, 64.0 mm Span	224	°C	ISO 75-2/Bf
1.8 MPa, Unannealed, 64.0 mm Span	218	°C	ISO 75-2/Af
CLTE			ISO 11359-2
Flow : 23 to 60°C	2.6E-5	cm/cm/°C	
Transverse : 23 to 60°C	5.5E-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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