

LNP™ THERMOTUF™ OF008I compound

Linear Polyphenylene Sulfide
SABIC Innovative Plastics Europe

Message:

LNP THERMOTUF OF008I is a compound based on PPS - Linear resin containing Glass Fiber. Added features of this material include: High Impact.
Also known as: LNP* THERMOTUF* Compound OF1008HIL
Product reorder name: OF008I

General Information			
UL YellowCard	E45329-101284431		
Filler / Reinforcement	Glass Fiber		
Features	High Impact Resistance		
	Linear Polymer Structure		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.56	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	11800	MPa	ISO 527-2/1
Tensile Stress (Break)	129	MPa	ISO 527-2/5
Tensile Strain (Break)	1.8	%	ISO 527-2/5
Flexural Modulus ¹	11000	MPa	ISO 178
Flexural Stress	193	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ² (23°C)	15	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
Heat Deflection Temperature ⁴			
0.45 MPa, Unannealed, 64.0 mm Span	275	°C	ISO 75-2/Bf
1.8 MPa, Unannealed, 64.0 mm Span	235	°C	ISO 75-2/Af
CLTE			ISO 11359-2
Flow : 23 to 60°C	1.3E-5	cm/cm/°C	
Transverse : 23 to 60°C	5.4E-5	cm/cm/°C	
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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