

# LNP™ THERMOTUF™ RF008IS compound

Polyamide 66

SABIC Innovative Plastics

## Message:

LNP THERMOTUF RF008IS is a compound based on Nylon 66 resin containing Glass Fiber. Added features of this material include: High Impact.

Also known as: LNP\* THERMOTUF\* Compound RF-1008 HI HS

Product reorder name: RF008IS

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Features	Impact resistance, high		
Physical	Nominal Value	Unit	Test Method
Density	1.46	g/cm <sup>3</sup>	ISO 1183
Molding Shrinkage - Flow (24 hr)	0.20	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	12500	MPa	ISO 527-2/1
Tensile Stress (Break)	168	MPa	ISO 527-2
Tensile Strain (Break)	2.8	%	ISO 527-2
Flexural Modulus	11000	MPa	ISO 178
Flexural Stress	274	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact <sup>1</sup> (23°C)	15	kJ/m <sup>2</sup>	ISO 180/1A
Unnotched Izod Impact Strength <sup>2</sup> (23°C)	75	kJ/m <sup>2</sup>	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature <sup>3</sup> (1.8 MPa, Unannealed, 64.0 mm Span)	247	°C	ISO 75-2/Af
NOTE			
1.	80*10*4		
2.	80*10*4		
3.	80*10*4 mm		

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## Recommended distributors for this material

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