

# LNP™ THERMOTUF™ PF008IR compound

Polyamide 6

SABIC Innovative Plastics

## Message:

LNP THERMOTUF PF008IR is a compound based on Nylon 6 resin containing Glass Fiber. Added features of this material include: High Impact, Mold Release.

Also known as: LNP\* THERMOTUF\* Compound PF-1008 HI MR

Product reorder name: PF008IR

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Additive	demoulding		
Features	Impact resistance, high		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.46	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (24 hr)	0.30	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus <sup>1</sup>	13100	MPa	ASTM D638
Tensile Strength (Break)	143	MPa	ASTM D638
Tensile Elongation (Break)	2.4	%	ASTM D638
Flexural Modulus	9860	MPa	ASTM D790
Flexural Strength	255	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	140	J/m	ASTM D256
Unnotched Izod Impact (23°C)	1100	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	206	°C	ASTM D648
NOTE			

1. 50 mm/min

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## Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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