

# LNP™ THERMOTUF™ VF003 compound

Polyamide

SABIC Innovative Plastics

## Message:

LNP THERMOTUF VF003 is a compound based on Nylon resin containing Glass Fiber. Added features of this material include: High Impact.

Also known as: LNP\* THERMOTUF\* Compound VF-1003

Product reorder name: VF003

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Features	Impact resistance, high		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus <sup>1</sup>	5010	MPa	ASTM D638
Tensile Strength (Break)	77.2	MPa	ASTM D638
Tensile Elongation (Break)	2.6	%	ASTM D638
Flexural Modulus	4490	MPa	ASTM D790
Flexural Strength	124	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	91	J/m	ASTM D256
Unnotched Izod Impact (23°C)	610	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	241	°C	ASTM D648
NOTE			

1. 50 mm/min

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## Recommended distributors for this material

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