

# LNP™ THERMOCOMP™ CF008 compound

High Impact Polystyrene

SABIC Innovative Plastics

## Message:

LNP THERMOCOMP CF008 is a compound based on Polystyrene resin containing Glass Fiber.

Also known as: LNP\* THERMOCOMP\* Compound CF-1008

Product reorder name: CF008

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (24 hr)	0.20	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus <sup>1</sup>	13500	MPa	ASTM D638
Tensile Strength (Break)	58.6	MPa	ASTM D638
Tensile Elongation (Break)	0.60	%	ASTM D638
Flexural Modulus	11200	MPa	ASTM D790
Flexural Strength	96.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256
Unnotched Izod Impact (23°C)	120	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	88.9	°C	ASTM D648
NOTE			
1.	50 mm/min		

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## Recommended distributors for this material

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