

# LNP™ THERMOCOMP™ AF004L compound

Acrylonitrile Butadiene Styrene

SABIC Innovative Plastics

## Message:

LNP THERMOCOMP AF004L is a compound based on Acrylonitrile Butadiene Styrene resin containing Glass Fiber. Added features of this material include: Low Extractible.

Also known as: LNP\* THERMOCOMP\* Compound AF-1004 LE

Product reorder name: AF004L

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Features	Low extract		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus <sup>1</sup>	6210	MPa	ASTM D638
Tensile Strength (Break)	75.8	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	5860	MPa	ASTM D790
Flexural Strength	110	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	85	J/m	ASTM D256
Unnotched Izod Impact (23°C)	370	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	36.1	°C	ASTM D648
NOTE			
1.	50 mm/min		

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## Recommended distributors for this material

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