

# LNP™ THERMOCOMP™ RB006 compound

Polyamide 66

SABIC Innovative Plastics

## Message:

LNP THERMOCOMP RB006 is a compound based on Nylon 66 resin containing Glass Bead.

Also known as: LNP\* THERMOCOMP\* Compound RB-1006

Product reorder name: RB006

General Information			
Filler / Reinforcement	Glass beads		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus <sup>1</sup>	4320	MPa	ASTM D638
Tensile Strength (Break)	66.9	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	4700	MPa	ASTM D790
Flexural Strength	124	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256
Unnotched Izod Impact (23°C)	320	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	102	°C	ASTM D648
NOTE			

1. 50 mm/min

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## Recommended distributors for this material

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