

LNP™ THERMOCOMP™ IF004 compound

Polyamide 612

SABIC Innovative Plastics

Message:

LNP THERMOCOMP IF004 is a compound based on Nylon 6/12 resin containing Glass Fiber.

Also known as: LNP* THERMOCOMP* Compound IF-1004

Product reorder name: IF004

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm ³	ASTM D792
Molding Shrinkage - Flow (24 hr)	0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	5910	MPa	ASTM D638
Tensile Strength (Break)	123	MPa	ASTM D638
Tensile Elongation (Break)	3.6	%	ASTM D638
Flexural Modulus	5670	MPa	ASTM D790
Flexural Strength	186	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	75	J/m	ASTM D256
Unnotched Izod Impact (23°C)	820	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	198	°C	ASTM D648
NOTE			
1.	50 mm/min		

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Recommended distributors for this material

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