

LNP™ THERMOCOMP™ IF008 compound

Polyamide 612

SABIC Innovative Plastics

Message:

LNP* THERMOCOMP* IF008 is a compound based on Nylon 6/12 resin containing 40% Glass Fiber.

Also known as: LNP* Thermocomp* Compound IF-1008

Product reorder name: IF008

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 40% filler by weight		
Processing Method	Injection molding		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	176	MPa	ASTM D638
Flexural Modulus	10600	MPa	ASTM D790
Flexural Strength	255	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	199	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	82	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.12 - 0.20	%	
Rear Temperature	254 - 266	°C	
Middle Temperature	260 - 271	°C	
Front Temperature	271 - 282	°C	
Processing (Melt) Temp	271 - 277	°C	
Mold Temperature	66 - 93	°C	
Back Pressure	0.172 - 0.344	MPa	
Screw Speed	30 - 60	rpm	

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Recommended distributors for this material

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