

LNP™ THERMOCOMP™ NF001 compound

Polycarbonate + ABS

SABIC Innovative Plastics

Message:

LNP THERMOCOMP NF001 is a compound based on PC+ABS Blend resin containing Glass Fiber.

Also known as: LNP* THERMOCOMP* Compound PCA-F-1001

Product reorder name: NF001

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	3650	MPa	ASTM D638
Tensile Strength (Break)	62.7	MPa	ASTM D638
Tensile Elongation (Break)	3.4	%	ASTM D638
Flexural Modulus	3650	MPa	ASTM D790
Flexural Strength	103	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	150	J/m	ASTM D256
Unnotched Izod Impact (23°C)	590	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	124	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.020	%	
Rear Temperature	232 - 243	°C	
Middle Temperature	249 - 260	°C	
Front Temperature	260 - 271	°C	
Processing (Melt) Temp	249 - 271	°C	
Mold Temperature	37.8 - 82.2	°C	
Back Pressure	0.172 - 0.344	MPa	
Screw Speed	30 - 60	rpm	
NOTE			
1.	50 mm/min		

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Recommended distributors for this material

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