

# LNP™ THERMOCOMP™ AF001H compound

Acrylonitrile Butadiene Styrene

SABIC Innovative Plastics

## Message:

LNP THERMOCOMP AF001H is a compound based on Acrylonitrile Butadiene Styrene resin containing Glass Fiber.

Also known as: LNP\* THERMOCOMP\* Compound AF-1001 HC

Product reorder name: AF001H

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Processing Method	Injection molding		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus <sup>1</sup>	2750	MPa	ASTM D638
Tensile Strength (Break)	40.7	MPa	ASTM D638
Tensile Elongation (Break)	2.3	%	ASTM D638
Flexural Modulus	2740	MPa	ASTM D790
Flexural Strength	68.9	MPa	ASTM D790
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.050 - 0.10	%	
Rear Temperature	204 - 216	°C	
Middle Temperature	232 - 243	°C	
Front Temperature	266 - 277	°C	
Processing (Melt) Temp	260	°C	
Mold Temperature	71.1 - 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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