

LNP™ THERMOCOMP™ AB002 compound

Acrylonitrile Butadiene Styrene

SABIC Innovative Plastics

Message:

LNP THERMOCOMP AB002 is a compound based on Acrylonitrile Butadiene Styrene resin containing Glass Bead.
Also known as: LNP* THERMOCOMP* Compound AB-1002
Product reorder name: AB002

General Information			
Filler / Reinforcement	Glass beads		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm ³	ASTM D792
Molding Shrinkage - Flow (24 hr)	0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2570	MPa	ASTM D638
Tensile Strength (Break)	34.5	MPa	ASTM D638
Tensile Elongation (Break)	3.1	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	J/m	ASTM D256
Unnotched Izod Impact (23°C)	660	J/m	ASTM D4812
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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