

LNP™ THERMOCOMP™ UF008AS compound

Polyphthalamide

SABIC Innovative Plastics Europe

Message:

LNP THERMOCOMP UF008AS is a compound based on Polyphthalamide resin, containing Glass Fiber. Added features include; Mold Release.

Also known as: LNP* THERMOCOMP* Compound UF-1008 A

Product reorder name: UF008AS

General Information			
Filler / Reinforcement	Glass Fiber		
Features	Good Mold Release		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.53	g/cm ³	ISO 1183
Molding Shrinkage - Flow	0.14	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	14500	MPa	ISO 527-2/1
Tensile Stress (Break)	234	MPa	ISO 527-2/5
Tensile Strain (Break)	2.1	%	ISO 527-2/5
Flexural Modulus ¹	12000	MPa	ISO 178
Flexural Stress	315	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ² (23°C)	13	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ³ (23°C)	55	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
CLTE			ISO 11359-2
Flow : 23 to 60°C	2.3E-5	cm/cm/°C	
Transverse : 23 to 60°C	5.3E-5	cm/cm/°C	
Injection	Nominal Value	Unit	
Drying Temperature	120 to 150	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.15	%	
Rear Temperature	310 to 320	°C	
Middle Temperature	315 to 325	°C	
Front Temperature	325 to 340	°C	
Processing (Melt) Temp	315 to 330	°C	
Mold Temperature	140 to 165	°C	
Back Pressure	0.200 to 0.300	MPa	
Screw Speed	30 to 60	rpm	
NOTE			

1.	2.0 mm/min
2.	80*10*4
3.	80*10*4

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Recommended distributors for this material

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