

LNP™ THERMOCOMP™ RF00469S compound

Polyamide 66

SABIC Innovative Plastics

Message:

LNP THERMOCOMP RF00469S is a compound based on Nylon 66 resin containing 20% Glass Fiber. Added features of this material include: Flame Retardant, Heat Stabilized.

Also known as: LNP* THERMOCOMP* Compound RF-1004 FR HS

Product reorder name: RF00469S

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Additive	Heat Stabilizer		
Features	Flame Retardant		
	Heat Stabilized		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.53	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow : 24 hr	0.30 to 0.50	%	
Across Flow : 24 hr	1.0 to 1.2	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	137	MPa	ASTM D638
Tensile Elongation (Break)	3.3	%	ASTM D638
Flexural Modulus	7500	MPa	ASTM D790
Flexural Strength	200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	85	J/m	ASTM D256
Unnotched Izod Impact (23°C)	680	J/m	ASTM D4812
Flammability	Nominal Value		Test Method
Flame Rating (1.70 mm, Testing by SABIC)	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.15 to 0.25	%	
Rear Temperature	266 to 277	°C	
Middle Temperature	282 to 293	°C	
Front Temperature	293 to 304	°C	
Processing (Melt) Temp	277 to 288	°C	
Mold Temperature	82.2 to 93.3	°C	
Back Pressure	0.172 to 0.344	MPa	

Screw Speed

30 to 60

rpm

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Recommended distributors for this material

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