

# LNP™ THERMOCOMP™ RF0069S compound

Polyamide 66

SABIC Innovative Plastics

## Message:

LNP THERMOCOMP\* RF0069S is a compound based on Nylon 66 resin containing 30% Glass Fiber. Added features of this material include: Flame Retardant, Heat Stabilized.

Also known as: LNP\* THERMOCOMP\* Compound RF-1006 FR HS

Product reorder name: RF0069S

General Information			
UL YellowCard	E121562-101281595	E121562-101281598	
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Heat Stabilizer		
Features	Flame Retardant		
	Heat Stabilized		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.71	g/cm³	ASTM D792
Molding Shrinkage			ASTM D955
Flow : 24 hr	0.30	%	
Across Flow : 24 hr	1.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	165	MPa	ASTM D638
Tensile Elongation (Break)	2.7	%	ASTM D638
Flexural Modulus	12200	MPa	ASTM D790
Flexural Strength	241	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	75	J/m	ASTM D256
Unnotched Izod Impact (23°C)	690	J/m	ASTM D4812
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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