LNP™ THERMOCOMP™ RF007SXQ compound

Polyamide 66

SABIC Innovative Plastics

Message:

LNP THERMOCOMP* RF007SXQ is a compound based on Nylon 66 resin containing 35% Glass Fiber. Added features of this material include: Heat Stabilized, Hydrolysis Resistant.
Also known as: LNP* THERMOCOMP* Compound RF-1007 HR HS
Product reorder name: RF007SXQ

General Information			
Filler / Reinforcement	Glass Fiber,35% Filler by Weight		
Additive	Heat Stabilizer		
Features	Heat Stabilized		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.42	g/cm³	ASTM D792
Molding Shrinkage			ASTM D955
Flow : 24 hr	0.40	%	
Across Flow : 24 hr	1.4	%	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Break)	196	MPa	ASTM D638
Tensile Elongation (Break)	2.9	%	ASTM D638
Flexural Modulus	10700	MPa	ASTM D790
Flexural Strength	297	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	110	J/m	ASTM D256
Unnotched Izod Impact (23°C)	1200	J/m	ASTM D4812
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	250	°C	ASTM D648
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	282 to 304	°C	
Mold Temperature	93.3 to 110	°C	

Back Pressure	0.172 to 0.344	MPa
Screw Speed	30 to 60	rpm

Recommended distributors for this material

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