

# LNP™ THERMOCOMP™ QF007 compound

Polyamide 610

SABIC Innovative Plastics

## Message:

LNP THERMOCOMP QF007 is a compound based on Nylon 6/10 resin containing Glass Fiber.

Also known as: LNP\* THERMOCOMP\* Compound QF-1007

Product reorder name: QF007

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34	g/cm <sup>3</sup>	ASTM D792
Water Absorption (24 hr, 50% RH)	0.20	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	177	MPa	ASTM D638
Flexural Modulus	8910	MPa	ASTM D790
Flexural Strength	269	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	140	J/m	ASTM D256
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.12 - 0.20	%	
Rear Temperature	249 - 260	°C	
Middle Temperature	260 - 271	°C	
Front Temperature	271 - 282	°C	
Processing (Melt) Temp	271 - 277	°C	
Mold Temperature	82.2 - 93.3	°C	
Back Pressure	0.172 - 0.344	MPa	
Screw Speed	30 - 60	rpm	

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## Recommended distributors for this material

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