

# LNP™ THERMOCOMP™ RF0079SZ compound

Polyamide 66  
SABIC Innovative Plastics

Message:

LNP THERMOCOMP RF0079SZ is a compound based on Nylon 66 resin containing Glass Fiber. Added features of this material include: Flame Retardant, Heat Stabilized.

Also known as: LNP\* THERMOCOMP\* Compound RF-1007 FR-1 HS

Product reorder name: RF0079SZ

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Additive	heat stabilizer		
Features	Thermal Stability		
	Flame retardancy		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (24 hr)	0.20	%	ASTM D955

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus <sup>1</sup>	14200	MPa	ASTM D638
Tensile Strength (Break)	154	MPa	ASTM D638
Tensile Elongation (Break)	1.6	%	ASTM D638
Flexural Modulus	12400	MPa	ASTM D790
Flexural Strength	234	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	59	J/m	ASTM D256
Unnotched Izod Impact (23°C)	550	J/m	ASTM D4812

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	236	°C	ASTM D648

Flammability	Nominal Value	Test Method
Flame Rating (1.50 mm, Testing by SABIC)	V-0	UL 94

NOTE			
1.	50 mm/min		

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Recommended distributors for this material

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