

LNP™ THERMOCOMP™ QF008 compound

Polyamide 610
SABIC Innovative Plastics

Message:

LNP THERMOCOMP QF008 is a compound based on Nylon 6/10 resin containing Glass Fiber.
Also known as: LNP* THERMOCOMP* Compound QF-1008
Product reorder name: QF008

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	1.41	g/cm ³	ASTM D792
--	1.42	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	12400	MPa	ASTM D638
Tensile Strength			
Fracture	172	MPa	ASTM D638
Fracture	183	MPa	ISO 527-2
Tensile Elongation (Break)	3.3	%	ASTM D638
Flexural Modulus	10800	MPa	ASTM D790, ISO 178
Flexural Strength	255	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			
23°C	140	J/m	ASTM D256
23°C ²	15	kJ/m ²	ISO 180/1A
Unnotched Izod Impact (23°C)	1100	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, unannealed, 3.20mm	219	°C	ASTM D648
1.8 MPa, unannealed, 3.20mm	208	°C	ASTM D648
1.8 MPa, unannealed, 64.0mm span ³	214	°C	ISO 75-2/Af
NOTE			
1.	50 mm/min		
2.	80*10*4		
3.	80*10*4 mm		

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Recommended distributors for this material

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