

LNP™ THERMOTUF™ PX06416 compound

Polyamide 6

SABIC Innovative Plastics

Message:

LNP THERMOTUF PX06416 is a compound based on Nylon 6 resin containing Glass Fiber. Added features of this material include: High Impact.

Also known as: LNP* THERMOTUF* Compound PF-1003 EM HI HS

Product reorder name: PX06416

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Features	Impact resistance, high		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm ³	ASTM D792
Molding Shrinkage - Flow (24 hr)	0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	4870	MPa	ASTM D638
Tensile Strength (Break)	82.7	MPa	ASTM D638
Tensile Elongation (Break)	3.1	%	ASTM D638
Flexural Modulus	3620	MPa	ASTM D790
Flexural Strength	124	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	96	J/m	ASTM D256
Unnotched Izod Impact (23°C)	800	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	97.2	°C	ASTM D648
NOTE			
1.	50 mm/min		

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Recommended distributors for this material

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