

LNP™ LUBRICOMP™ PFN16 compound

Polyamide 6

SABIC Innovative Plastics

Message:

LNP LUBRICOMP PFL-4216 is a compound based on Nylon 6 resin containing Glass Fiber, MOS2. Added features of this material include: Internally Lubricated.

Also known as: LNP* LUBRICOMP* Compound PFL-4216

Product reorder name: PFN16

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Additive	Molybdenum disulfide lubricant		
Features	Lubrication		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm ³	ASTM D792
Molding Shrinkage - Flow (24 hr)	0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	9900	MPa	ASTM D638
Tensile Strength (Break)	169	MPa	ASTM D638
Tensile Elongation (Break)	3.3	%	ASTM D638
Flexural Modulus	8700	MPa	ASTM D790
Flexural Strength	248	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	120	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)	208	°C	ASTM D648
NOTE			

1. 50 mm/min

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Recommended distributors for this material

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