

# LNP™ LUBRICOMP™ PFI12R compound

Polyamide 6

SABIC Innovative Plastics

## Message:

LNP LUBRICOMP PFI12R is a compound based on Nylon 6 resin containing Glass Fiber, Silicone. Added features of this material include: Internally Lubricated, Mold Release.

Also known as: LNP\* LUBRICOMP\* Compound PFL-4412 MR

Product reorder name: PFI12R

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Additive	Silicone lubricant demoulding		
Features	Lubrication		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (24 hr)	0.50	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus <sup>1</sup>	4960	MPa	ASTM D638
Tensile Strength (Break)	105	MPa	ASTM D638
Tensile Elongation (Break)	3.2	%	ASTM D638
Flexural Modulus	5250	MPa	ASTM D790
Flexural Strength	152	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Unnotched Izod Impact (23°C)	710	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	203	°C	ASTM D648
NOTE			
1.	50 mm/min		

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## Recommended distributors for this material

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