

# LNP™ LUBRICOMP™ SFL2A compound

Polyamide 12

SABIC Innovative Plastics

## Message:

LNP LUBRICOMP SFL2A is a compound based on Nylon 12 resin containing Glass Fiber, PTFE. Added features of this material include: Internally Lubricated.

Also known as: LNP\* LUBRICOMP\* Compound SFL-402-10

Product reorder name: SFL2A

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Additive	PTFE lubricant		
Features	Lubrication		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.64	g/cm <sup>3</sup>	ASTM D792
Water Absorption (24 hr, 50% RH)	0.60	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus <sup>1</sup>	16100	MPa	ASTM D638
Tensile Strength (Break)	150	MPa	ASTM D638
Tensile Elongation (Break)	3.5	%	ASTM D638
Flexural Modulus	13100	MPa	ASTM D790
Flexural Strength	241	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	J/m	ASTM D256
Unnotched Izod Impact (23°C)	910	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	174	°C	ASTM D648
NOTE			

1. 50 mm/min

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## Recommended distributors for this material

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