

LNP™ LUBRICOMP™ IFL21 compound

Polyamide 612

SABIC Innovative Plastics

Message:

LNP LUBRICOMP IFL21 is a compound based on Nylon 6/12 resin containing PTFE, Glass Fiber. Added features of this material include: Internally Lubricated.

Also known as: LNP* LUBRICOMP* Compound IFL-4021

Product reorder name: IFL21

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Additive	PTFE lubricant		
Features	Lubrication		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	3630	MPa	ASTM D638
Tensile Strength (Break)	70.3	MPa	ASTM D638
Tensile Elongation (Break)	2.8	%	ASTM D638
Flexural Modulus	3340	MPa	ASTM D790
Flexural Strength	110	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256
Unnotched Izod Impact (23°C)	270	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	189	°C	ASTM D648
NOTE			
1.	50 mm/min		

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Recommended distributors for this material

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