

SABIC Innovative Plastics LNP LUBRICOMP IFL21 PA 6/12 (Asia Pacific)

Category : Polymer , Thermoplastic , Nylon , Nylon 612

Material Notes:

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

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-IFL21-PA-612-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.17 g/cc	0.0423 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	70.0 MPa	10200 psi	ASTM D638
Elongation at Break	2.8 %	2.8 %	ASTM D638
Tensile Modulus	3.62 GPa	525 ksi	50 mm/min; ASTM D638
Flexural Strength	110 MPa	16000 psi	ASTM D790
Flexural Modulus	3.33 GPa	483 ksi	ASTM D790
Izod Impact, Notched	0.320 J/cm	0.599 ft-lb/in	ASTM D256
Izod Impact, Unnotched	2.67 J/cm	5.00 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	189 Â°C @Thickness 3.20 mm	372 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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