

SABIC Innovative Plastics LNP LUBRICOMP SCL36 PA 12 (Asia Pacific)

Category : Polymer , Thermoplastic , Nylon , Nylon 12

Material Notes:

LNP* LUBRICOMP* SCL36 is a compound based on Nylon 12 resin containing PTFE, Carbon Fiber. Added features of this material include:
Internally Lubricated, , Electrically Conductive.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-SCL36-PA-12-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.27 g/cc	0.0459 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	124 MPa	18000 psi	ASTM D638
Elongation at Break	2.7 %	2.7 %	ASTM D638
Tensile Modulus	15.72 GPa	2280 ksi	50 mm/min; ASTM D638
Flexural Strength	206 MPa	29900 psi	ASTM D790
Flexural Modulus	13.85 GPa	2009 ksi	ASTM D790
Izod Impact, Notched	1.17 J/cm	2.19 ft-lb/in	ASTM D256
Izod Impact, Unnotched	6.94 J/cm	13.0 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	168 Â°C @Thickness 3.20 mm	334 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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