

SABIC Innovative Plastics LNP LUBRICOMP RFL36SXD PA 66 (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

LNP* Lubricomp* RFL36SXD is a compound based on Nylon 66 resin containing Glass Fiber, PTFE. Added features of this material include:
Heat Stabilized.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-RFL36SXD-PA-66-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.49 g/cc	0.0538 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.0020 - 0.0040 cm/cm	0.0020 - 0.0040 in/in	on Tensile Bar; SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	173 MPa	25100 psi	5 mm/min; ISO 527
Elongation at Break	3.0 %	3.0 %	5 mm/min; ISO 527
Tensile Modulus	9.70 GPa	1410 ksi	1 mm/min; ISO 527
Flexural Strength	238 MPa	34500 psi	2 mm/min; ISO 178
Flexural Modulus	7.90 GPa	1150 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	13.0 kJ/m ²	6.19 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	70.0 kJ/m ²	33.3 ft-lb/in ²	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	261 Â°C	502 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Bf
Deflection Temperature at 1.8 MPa (264 psi)	249 Â°C	480 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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