

SABIC Innovative Plastics LNP Lubricomp RFM62 PA 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

LNP* Lubricomp* RFM62 is a compound based on Nylon 66 resin containing Glass Fiber, Mineral. This data was supplied by SABIC-IP for the Americas region.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Lubricomp-RFM62-PA-66.php

Physical Properties	Metric	English	Comments
Density	1.48 g/cc	0.0535 lb/in ³	ASTM D 792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	103 MPa	14900 psi	ASTM D 638
Elongation at Break	2.1 %	2.1 %	ASTM D 638
Flexural Strength	158 MPa	22900 psi	ASTM D 790
Flexural Modulus	8.26 GPa	1200 ksi	ASTM D 790
Izod Impact, Notched	0.260 J/cm @Temperature 23.0 Â°C	0.487 ft-lb/in @Temperature 73.4 Â°F	ASTM D 256
Izod Impact, Unnotched	0.340 J/cm @Temperature 23.0 Â°C	0.637 ft-lb/in @Temperature 73.4 Â°F	ASTM D 4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	245 Â°C @Thickness 3.20 mm	473 Â°F @Thickness 0.126 in	unannealed; ASTM D 648
Deflection Temperature at 1.8 MPa (264 psi)	236 Â°C @Thickness 3.20 mm	457 Â°F @Thickness 0.126 in	unannealed; ASTM D 648

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