

SABIC Innovative Plastics LNP Lubricomp RCP36XXP PA 66 (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Carbon Fiber/PTFE Filled

Material Notes:

LNP* Lubricomp* RCP36XXP is a compound based on Nylon 66 resin containing PTFE, Carbon Fiber, Silicone. Added features of this material include: Electrically Conductive, Easy Molding, Internally Lubricated. This data was supplied by SABIC-IP for the Europe-Africa-Middle East region.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Lubricomp-RCP36XXP-PA-66-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.35 g/cc	0.0488 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.0010 - 0.0030 cm/cm	0.0010 - 0.0030 in/in	on tensile bar; SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	150 MPa	21800 psi	5 mm/min; ISO 527
Elongation at Break	0.90 %	0.90 %	5 mm/min; ISO 527
Flexural Strength	236 MPa	34200 psi	2 mm/min; ISO 178
Flexural Modulus	12.0 GPa	1740 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	8.00 kJ/m ² @Temperature 23.0 °C	3.81 ft-lb/in ² @Temperature 73.4 °F	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	46.0 kJ/m ² @Temperature 23.0 °C	21.9 ft-lb/in ² @Temperature 73.4 °F	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	244 °C	471 °F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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