

SABIC Innovative Plastics LNP LUBRICOMP RL002 PA 66 (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

LNP* Verton* RL002 is a compound based on Nylon 66 resin containing PTFE.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-RL002-PA-66-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.017 - 0.019 cm/cm	0.017 - 0.019 in/in	on Tensile Bar; SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	74.0 MPa	10700 psi	5 mm/min; ISO 527
Elongation at Break	4.5 %	4.5 %	5 mm/min; ISO 527
Tensile Modulus	3.00 GPa	435 ksi	1 mm/min; ISO 527
Flexural Strength	95.0 MPa	13800 psi	2 mm/min; ISO 178
Flexural Modulus	2.60 GPa	377 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	7.00 kJ/m ²	3.33 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	55.0 kJ/m ²	26.2 ft-lb/in ²	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	62.0 Å°C	144 Å°F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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