

SABIC Innovative Plastics LNP VERTON RVL36SXS PA 66 (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

LNP* VERTON* RVL36SXS is a compound based on PA 66 resin containing Long Glass Fiber, PTFE. Added features include; Internally Lubricated.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-VERTON-RVL36SXS-PA-66-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.53 g/cc	0.0553 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	185 MPa	26800 psi	5 mm/min; ISO 527
Elongation at Break	2.3 %	2.3 %	5 mm/min; ISO 527
Tensile Modulus	11.2 GPa	1620 ksi	1 mm/min; ISO 527
Flexural Strength	275 MPa	39900 psi	2 mm/min; ISO 178
Flexural Modulus	9.30 GPa	1350 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	33.0 kJ/m ²	15.7 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)	265 °C	509 °F	Flatw 80*10*4 sp=64mm; ISO 75/Bf
Deflection Temperature at 1.8 MPa (264 psi)	261 °C	502 °F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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