

SABIC Innovative Plastics LNP VERTON RVL29ESS PA 66 (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

LNP* VERTON* RVL29ESS 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-RVL29ESS-PA-66-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.65 g/cc	0.0596 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	231 MPa	33500 psi	5 mm/min; ISO 527
Elongation at Break	2.3 %	2.3 %	5 mm/min; ISO 527
Flexural Yield Strength	362 MPa	52500 psi	2 mm/min; ISO 178
Flexural Modulus	14.1 GPa	2050 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	29.0 kJ/m ²	13.8 ft-lb/in ²	80*10*4; ISO 180/1A
Coefficient of Friction, Dynamic	0.39	0.39	ASTM D3702 Modified
Coefficient of Friction, Static	0.40	0.40	ASTM D3702 Modified
K (wear) Factor	42.3 x 10 ⁻⁸ mm ³ /N-M	21.0 x 10 ⁻¹⁰ in ³ -min/ft-lb-hr	Washer; ASTM D3702 Modified

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	258 °C	496 °F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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