

SABIC Innovative Plastics LNP VERTON RX07013 PA 66 (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

LNP VERTON * RX07013 is a compound based on Nylon 66 resin containig Long Glass. Added features of this material include: Easy Molding and UV Resistant.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-VERTON-RX07013-PA-66-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.58 g/cc	0.0571 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	265 MPa	38400 psi	5 mm/min; ISO 527
Elongation at Break	1.9 %	1.9 %	5 mm/min; ISO 527
Tensile Modulus	18.38 GPa	2666 ksi	1 mm/min; ISO 527
Flexural Modulus	15.55 GPa	2255 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	45.0 kJ/m ²	21.4 ft-lb/in ²	80*10*4; ISO 180/1A
	38.0 kJ/m ²	18.1 ft-lb/in ²	80*10*4; ISO 180/1A
	@Temperature -40.0 Â°C	@Temperature -40.0 Â°F	
Izod Impact, Unnotched (ISO)	89.0 kJ/m ²	42.4 ft-lb/in ²	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	18.6 Âµm/m-Â°C	10.3 Âµin/in-Â°F	ISO 11359-2
	@Temperature -40.0 - 40.0 Â°C	@Temperature -40.0 - 104 Â°F	
CTE, linear, Transverse to Flow	67.3 Âµm/m-Â°C	37.4 Âµin/in-Â°F	ISO 11359-2
	@Temperature -40.0 - 40.0 Â°C	@Temperature -40.0 - 104 Â°F	
Deflection Temperature at 0.46 MPa (66 psi)	258 Â°C	496 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Bf
Deflection Temperature at 1.8 MPa (264 psi)	253 Â°C	487 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/ Af

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