

SABIC Innovative Plastics LNP VERTON RV0079 PA 66 (Asia Pacific)

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

LNP VERTON* RV0079 is a compound based on Nylon 66 resin containing Flame Retardant, Long Glass Fiber, Long Glass. Added features of this material include: Easy Molding.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-VERTON-RV0079-PA-66-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.69 g/cc	0.0611 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	213 MPa	30900 psi	ISO 527
Elongation at Break	1.8 %	1.8 %	ISO 527
Tensile Modulus	15.07 GPa	2186 ksi	1 mm/min; ISO 527
Flexural Strength	298 MPa	43200 psi	ISO 178
Flexural Modulus	13.28 GPa	1926 ksi	ISO 178
Izod Impact, Notched (ISO)	32.0 kJ/m ²	15.2 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	57.0 kJ/m ²	27.1 ft-lb/in ²	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	262 Â°C	504 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Bf
Deflection Temperature at 1.8 MPa (264 psi)	259 Â°C	498 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af
Flammability, UL94	V-0 @Thickness 1.70 mm	V-0 @Thickness 0.0669 in	UL 94 by SABIC-IP

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