

SABIC Innovative Plastics LNP VERTON RV008E PA 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

LNP* VERTON* RV008E is a compound based on Nylon 66 resin containing 40% Long Glass Fiber. Added features of this material include:
Easy Molding, Structural.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-VERTON-RV008E-PA-66.php

Physical Properties	Metric	English	Comments
Density	1.47 g/cc	0.0531 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	171 MPa	24800 psi	ASTM D638
Elongation at Break	1.5 %	1.5 %	ASTM D638
Tensile Modulus	13.99 GPa	2029 ksi	50 mm/min; ASTM D638
Flexural Strength	220 MPa	31900 psi	ASTM D790
Flexural Modulus	11.63 GPa	1687 ksi	ASTM D790
Izod Impact, Notched	0.960 J/cm	1.80 ft-lb/in	ASTM D256
Izod Impact, Unnotched	5.34 J/cm	10.0 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	237 Â°C @Thickness 3.20 mm	459 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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