

SABIC Innovative Plastics LNP VERTON RV008S PA 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

LNP* VERTON* RV008S is a compound based on Nylon 66 resin containing 40% Long Glass Fiber. Added features of this material include:
Heat Stabilized, Structural.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-VERTON-RV008S-PA-66.php

Physical Properties	Metric	English	Comments
Density	1.47 g/cc	0.0531 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.0020 cm/cm @Time 86400 sec	0.0020 in/in @Time 24.0 hour	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	240 MPa	34800 psi	ASTM D638
Elongation at Break	2.1 %	2.1 %	ASTM D638
Tensile Modulus	13.85 GPa	2009 ksi	50 mm/min; ASTM D638
Flexural Strength	103 MPa	14900 psi	ASTM D790
Flexural Modulus	12.41 GPa	1800 ksi	ASTM D790
Izod Impact, Notched	3.57 J/cm	6.69 ft-lb/in	ASTM D256
Izod Impact, Unnotched	9.66 J/cm	18.1 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	261 Å°C @Thickness 3.20 mm	502 Å°F @Thickness 0.126 in	unannealed; ASTM D648

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