

SABIC Innovative Plastics LNP VERTON RV00CESS PA6.6 (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

LNP Verton* RV00CESS is a compound based on PA 66 resin containing Long Glass Fiber. Added features include: Easy Molding, Heat Stabilized.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-VERTON-RV00CESS-PA66-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.71 g/cc	0.0618 lb/in ³	ISO 1183
Water Absorption	0.90 %	0.90 %	ISO 62-1
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage, Flow	0.0030 cm/cm	0.0030 in/in	ISO 294
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage, Transverse	0.0080 cm/cm	0.0080 in/in	ISO 294
	@Time 86400 sec	@Time 24.0 hour	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	279 MPa	40500 psi	5 mm/min; ISO 527
Tensile Strength, Yield	281 MPa	40800 psi	5 mm/min; ISO 527
Elongation at Break	1.7 %	1.7 %	5 mm/min; ISO 527
	3.0 %	3.0 %	
Elongation at Yield	1.7 %	1.7 %	5 mm/min; ISO 527
Tensile Modulus	21.6 GPa	3130 ksi	1 mm/min; ISO 527
Flexural Yield Strength	418 MPa	60600 psi	2 mm/min; ISO 178
Flexural Modulus	19.0 GPa	2760 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	52.0 kJ/m ²	24.7 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	95.0 kJ/m ²	45.2 ft-lb/in ²	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa	255 Â°C	491 Â°F	

(56 psi) Thermal Properties	Metric	English	Flatw 80*10*4 sp=64mm; ISO 75/Bf Comments
Deflection Temperature at 1.8 MPa (264 psi)	252 Â°C	486 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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