

## SABIC Innovative Plastics LNP VERTON RV00CE PA 66 (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Nylon , Nylon 66

### Material Notes:

LNP VERTON\* RV00CE is a compound based on Nylon 66 resin containing 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-RV00CE-PA-66-Europe-Africa-Middle-East.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-VERTON-RV00CE-PA-66-Europe-Africa-Middle-East.php)

Physical Properties	Metric	English	Comments
Density	1.71 g/cc	0.0618 lb/in <sup>3</sup>	ISO 1183
Linear Mold Shrinkage, Flow	0.0020 cm/cm	0.0020 in/in	ISO 294
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage, Transverse	0.0041 cm/cm	0.0041 in/in	ISO 294
	@Time 86400 sec	@Time 24.0 hour	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	261 MPa	37900 psi	ISO 527
Elongation at Break	1.6 %	1.6 %	ISO 527
Tensile Modulus	23.28 GPa	3376 ksi	1 mm/min; ISO 527
Flexural Strength	433 MPa	62800 psi	ISO 178
Flexural Modulus	18.92 GPa	2744 ksi	ISO 178
Izod Impact, Notched (ISO)	54.0 kJ/m <sup>2</sup>	25.7 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1A
	43.0 kJ/m <sup>2</sup>	20.5 ft-lb/in <sup>2</sup>	
	@Temperature -40.0 °C	@Temperature -40.0 °F	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	102 kJ/m <sup>2</sup>	48.5 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	17.0 Åµm/m-Å°C	9.44 Åµin/in-Å°F	ISO 11359-2
	@Temperature -40.0 - 40.0 Å°C	@Temperature -40.0 - 104 Å°F	
CTE, linear, Transverse to Flow	53.0 Åµm/m-Å°C	29.4 Åµin/in-Å°F	ISO 11359-2
	@Temperature -40.0 -	@Temperature -40.0 -	

Thermal Properties	40.0 Å°C Metric	104 Å°F English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	252 Å°C	486 Å°F	Flatw 80*10*4 sp=64mm; ISO 75/Af

## Contact Songhan Plastic Technology Co.,Ltd.

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