

## SABIC Innovative Plastics LNP VERTON RV00ASXP PA 66 (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Nylon , Nylon 66

### Material Notes:

LNP\* VERTON\* RV00ASXP is a compound based on PA 66 resin containing Long Glass Fiber. Added features include; Heat Stabilized.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-VERTON-RV00ASXP-PA-66-Europe-Africa-Middle-East.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-VERTON-RV00ASXP-PA-66-Europe-Africa-Middle-East.php)

Physical Properties	Metric	English	Comments
Density	1.57 g/cc	0.0567 lb/in <sup>3</sup>	ISO 1183
Water Absorption	0.80 % @Time 86400 sec	0.80 % @Time 24.0 hour	ISO 62-1
Linear Mold Shrinkage, Flow	0.0024 cm/cm @Time 86400 sec	0.0024 in/in @Time 24.0 hour	ISO 294
Linear Mold Shrinkage, Transverse	0.0079 cm/cm @Time 86400 sec	0.0079 in/in @Time 24.0 hour	ISO 294

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	268 MPa	38900 psi	5 mm/min; ISO 527
Elongation at Break	2.0 %	2.0 %	5 mm/min; ISO 527
Tensile Modulus	17.6 GPa	2550 ksi	1 mm/min; ISO 527
Flexural Strength	405 MPa	58700 psi	2 mm/min; ISO 178
Flexural Modulus	15.5 GPa	2250 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	35.0 kJ/m <sup>2</sup>	16.7 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	100 kJ/m <sup>2</sup>	47.6 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	24.0 Åµm/m-Å°C @Temperature 23.0 - 60.0 Å°C	13.3 Åµin/in-Å°F @Temperature 73.4 - 140 Å°F	ISO 11359-2
CTE, linear, Transverse to Flow	54.0 Åµm/m-Å°C @Temperature 23.0 - 60.0 Å°C	30.0 Åµin/in-Å°F @Temperature 73.4 - 140 Å°F	ISO 11359-2

Deflection Temperature at 0.46 MPa Thermal Properties (0.10 MPa)	265 Â°C Metric	509 Â°F English	Flatw 80*10*4 sp=64mm; ISO 75/Bf Comments
Deflection Temperature at 1.8 MPa (264 psi)	262 Â°C	504 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af
Flammability, UL94	HB @Thickness 0.750 mm	HB @Thickness 0.0295 in	UL 94

## Contact Songhan Plastic Technology Co.,Ltd.

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