

## SABIC Innovative Plastics LNP Verton UV007S PPA

Category : Polymer , Thermoplastic , Polyphthalamide (PPA)

**Material Notes:**

LNP VERTON\* UV007S is a compound based on Polyphthalamide resin containing Long Glass, Long Glass Fiber. Added features of this material include: Heat Stabilized. This data was supplied by SABIC-IP for the Americas region.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-Verton-UV007S-PPA.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Verton-UV007S-PPA.php)

Physical Properties	Metric	English	Comments
Density	1.45 g/cc	0.0524 lb/in <sup>3</sup>	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	181 MPa	26300 psi	ISO 527
Elongation at Break	1.6 %	1.6 %	ISO 527
Tensile Modulus	12.5 GPa	1810 ksi	1 mm/min; ISO 527
Flexural Strength	265 MPa	38400 psi	ISO 178
Flexural Modulus	11.2 GPa	1620 ksi	ISO 178
Izod Impact, Notched (ISO)	23.0 kJ/m <sup>2</sup> @Temperature 23.0 °C	10.9 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	80*10*4; ISO 180/1A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	270 °C	518 °F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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