

## SABIC Innovative Plastics LNP Verton PV00A PA 6 (Asia Pacific)

Category : Polymer , Thermoplastic , Nylon , Nylon 6

**Material Notes:**

LNP\* Verton\* PV00A is a compound based on Nylon 6 resin containing Long Glass Fiber. This data was supplied by SABIC-IP for the Asia Pacific region.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-Verton-PV00A-PA-6-Asia-Pacific.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Verton-PV00A-PA-6-Asia-Pacific.php)

Physical Properties	Metric	English	Comments
Density	1.56 g/cc	0.0564 lb/in <sup>3</sup>	ASTM D 792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	230 MPa	33400 psi	ASTM D 638
Flexural Strength	324 MPa	47000 psi	ASTM D 790
Flexural Modulus	12.96 GPa	1880 ksi	ASTM D 790
Izod Impact, Notched	2.88 J/cm @Temperature 23.0 °C	5.40 ft-lb/in @Temperature 73.4 °F	ASTM D 256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	216 °C @Thickness 3.20 mm	421 °F @Thickness 0.126 in	unannealed; ASTM D 648

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