

SABIC Innovative Plastics LNP VERTON PX91060 PA 6 (Asia Pacific)

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

LNP* Verton* PX91060 is a compound based on Nylon 6 resin containing Long Glass Fiber.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-VERTON-PX91060-PA-6-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.48 g/cc	0.0535 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.0010 cm/cm	0.0010 in/in	ASTM D955
	@Time 86400 sec	@Time 24.0 hour	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	236 MPa	34200 psi	ASTM D638
Elongation at Break	2.1 %	2.1 %	ASTM D638
Tensile Modulus	18.28 GPa	2651 ksi	50 mm/min; ASTM D638
Flexural Strength	344 MPa	49900 psi	ASTM D790
Flexural Modulus	15.3 GPa	2220 ksi	ASTM D790
Izod Impact, Notched	2.34 J/cm	4.38 ft-lb/in	ASTM D256
Izod Impact, Unnotched	13.53 J/cm	25.35 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	219 °C	426 °F	unannealed; ASTM D648
	@Thickness 3.20 mm	@Thickness 0.126 in	

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