

SABIC Innovative Plastics LNP VERTON PX06419 PA 6 (Asia Pacific)

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

LNP* Verton* PX06419 is a compound based on Nylon 6 resin containing Long Glass Fiber. Added features of this material include: Heat Stabilized.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-VERTON-PX06419-PA-6-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.61 g/cc	0.0582 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.0020 cm/cm @Time 86400 sec	0.0020 in/in @Time 24.0 hour	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	228 MPa	33100 psi	ASTM D638
Elongation at Break	2.2 %	2.2 %	ASTM D638
Tensile Modulus	17.44 GPa	2529 ksi	50 mm/min; ASTM D638
Flexural Strength	296 MPa	42900 psi	ASTM D790
Flexural Modulus	15.23 GPa	2209 ksi	ASTM D790
Izod Impact, Notched	3.57 J/cm	6.69 ft-lb/in	ASTM D256
Izod Impact, Unnotched	16.02 J/cm	30.01 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	205 °C @Thickness 3.20 mm	401 °F @Thickness 0.126 in	unannealed; ASTM D648

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