

SABIC Innovative Plastics LNP VERTON PX91200 PA 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

LNP VERTON* PX91200 is a compound based on Nylon 6 resin containing Proprietary Fillers. Added features of this material include: High Impact, Structural

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-VERTON-PX91200-PA-6.php

Physical Properties	Metric	English	Comments
Density	1.49 g/cc	0.0538 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	181 MPa	26300 psi	ISO 527
Elongation at Break	2.0 %	2.0 %	ISO 527
Tensile Modulus	12.1 GPa	1750 ksi	1 mm/min; ISO 527
Flexural Strength	250 MPa	36300 psi	ISO 178
Flexural Modulus	10.29 GPa	1492 ksi	ISO 178
Izod Impact, Notched (ISO)	25.0 kJ/m ²	11.9 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	68.0 kJ/m ²	32.4 ft-lb/in ²	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	225 Â°C	437 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Bf
Deflection Temperature at 1.8 MPa (264 psi)	222 Â°C	432 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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