

SABIC Innovative Plastics LNP VERTON PX00700 PA 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

LNP VERTON* PX00700 is a compound based on Nylon 6 resin containing proprietary fillers. Added feature of this grade is: Structural.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-VERTON-PX00700-PA-6.php

Physical Properties	Metric	English	Comments
Density	1.38 g/cc	0.0499 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	188 MPa	27300 psi	ISO 527
Elongation at Break	2.7 %	2.7 %	ISO 527
Tensile Modulus	9.51 GPa	1380 ksi	1 mm/min; ISO 527
Flexural Strength	249 MPa	36100 psi	ISO 178
Flexural Modulus	8.21 GPa	1190 ksi	ISO 178
Izod Impact, Notched (ISO)	31.0 kJ/m ²	14.8 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	73.0 kJ/m ²	34.7 ft-lb/in ²	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	214 °C	417 °F	Flatw 80*10*4 sp=64mm; ISO 75/Bf
Deflection Temperature at 1.8 MPa (264 psi)	210 °C	410 °F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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