

SABIC Innovative Plastics LNP VERTON NV003E PC+ABS

Category : Polymer , Thermoplastic , ABS Polymer , Polycarbonate/ABS Alloy, Glass Fiber Filled , Polycarbonate (PC)

Material Notes:

LNP* VERTON* NV003E is a compound based on PC+ABS Blend resin containing 15% Long Glass Fiber. Added features of this material include: Easy Molding, Structural.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-VERTON-NV003E-PCABS.php

Physical Properties	Metric	English	Comments
Density	1.25 g/cc	0.0452 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	112 MPa	16200 psi	ISO 527
Elongation at Break	2.5 %	2.5 %	ISO 527
Tensile Modulus	5.77 GPa	837 ksi	1 mm/min; ISO 527
Flexural Strength	162 MPa	23500 psi	ISO 178
Flexural Modulus	5.68 GPa	824 ksi	ISO 178
Izod Impact, Notched (ISO)	21.0 kJ/m ²	9.99 ft-lb/in ²	80*10*4; ISO 180/1A
	23.0 kJ/m ²	10.9 ft-lb/in ²	80*10*4; ISO 180/1A
	@Temperature -40.0 °C	@Temperature -40.0 °F	
Dart Drop, Total Energy	18.0 J	13.3 ft-lb	Instrumented Impact Energy @ peak; ASTM D3763

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	136 °C	277 °F	Flatw 80*10*4 sp=64mm; ISO 75/af

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