

SABIC Innovative Plastics LNP VERTON WV006 PBT (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT)

Material Notes:

LNP VERTON* WV006 is a compound based on Polybutylene Terephthalate resin containing Long Glass.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-VERTON-WV006-PBT-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.54 g/cc	0.0556 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	187 MPa	27100 psi	ISO 527
Elongation at Break	2.0 %	2.0 %	ISO 527
Tensile Modulus	11.57 GPa	1678 ksi	1 mm/min; ISO 527
Flexural Strength	247 MPa	35800 psi	ISO 178
Flexural Modulus	9.78 GPa	1420 ksi	ISO 178
Izod Impact, Notched (ISO)	30.0 kJ/m ²	14.3 ft-lb/in ²	80*10*4; ISO 180/1A
	36.0 kJ/m ²	17.1 ft-lb/in ²	80*10*4; ISO 180/1A
	@Temperature -40.0 °C	@Temperature -40.0 °F	
Izod Impact, Unnotched (ISO)	56.0 kJ/m ²	26.6 ft-lb/in ²	80*10*4; ISO 180/1U

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

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