

SABIC Innovative Plastics LNP VERTON MV00ASXC PP (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

LNP* VERTON* MV00ASXC is a compound based on PP resin containing Long Glass Fiber. Added features include; Chemically Coupled, Heat Stabilized.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-VERTON-MV00ASXC-PP-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.33 g/cc	0.0480 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	118 MPa	17100 psi	5 mm/min; ISO 527
Elongation at Break	1.6 %	1.6 %	5 mm/min; ISO 527
Tensile Modulus	11.3 GPa	1640 ksi	1 mm/min; ISO 527
Flexural Strength	180 MPa	26100 psi	2 mm/min; ISO 178
Flexural Modulus	10.1 GPa	1460 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	21.0 kJ/m ²	9.99 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	50.0 kJ/m ²	23.8 ft-lb/in ²	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	163 Â°C	325 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Bf
Deflection Temperature at 1.8 MPa (264 psi)	157 Â°C	315 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af
Flammability, UL94	HB @Thickness 1.50 mm	HB @Thickness 0.0591 in	UL 94

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