

SABIC Innovative Plastics LNP Verton MV00CS PP (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

LNP* VERTON* MV00CS is a compound based on PP resin containing Long Glass Fiber. This data was supplied by SABIC-IP for the Europe-Africa-Middle East region.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Verton-MV00CS-PP-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.48 g/cc	0.0535 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	137 MPa	19900 psi	5 mm/min; ISO 527
Tensile Modulus	16.9 GPa	2450 ksi	1 mm/min; ISO 527
Flexural Strength	232 MPa	33600 psi	2 mm/min; ISO 178
Flexural Modulus	15.0 GPa	2180 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	50.0 kJ/m ² @Temperature 23.0 Â°C	23.8 ft-lb/in ² @Temperature 73.4 Â°F	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	70.0 kJ/m ² @Temperature 23.0 Â°C	33.3 ft-lb/in ² @Temperature 73.4 Â°F	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	164 Â°C	327 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Bf
Deflection Temperature at 1.8 MPa (264 psi)	160 Â°C	320 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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