

## SABIC Innovative Plastics LNP VERTON MV007U PP (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**

LNP\* VERTON\* MV007U is a compound based on PP resin containing Long Glass Fiber. Added features include; Chemically Coupled, Heat Stabilized, UV Stabilized.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-VERTON-MV007U-PP-Europe-Africa-Middle-East.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-VERTON-MV007U-PP-Europe-Africa-Middle-East.php)

Physical Properties	Metric	English	Comments
Density	1.17 g/cc	0.0423 lb/in <sup>3</sup>	ISO 1183
Linear Mold Shrinkage, Flow	0.0020 - 0.0050 cm/cm @Time 86400 sec	0.0020 - 0.0050 in/in @Time 24.0 hour	ISO 294

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	115 MPa	16700 psi	5 mm/min; ISO 527
Elongation at Break	1.7 %	1.7 %	5 mm/min; ISO 527
Tensile Modulus	9.80 GPa	1420 ksi	1 mm/min; ISO 527
Flexural Strength	162 MPa	23500 psi	2 mm/min; ISO 178
Flexural Modulus	7.70 GPa	1120 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	20.0 kJ/m <sup>2</sup>	9.52 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	45.0 kJ/m <sup>2</sup>	21.4 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	162 Â°C	324 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
Flammability, UL94	HB @Thickness 1.50 mm	HB @Thickness 0.0591 in	UL 94

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