

SABIC Innovative Plastics LNP Verton MV00ASUV_WH9D703 PP

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Preliminary data for 50% Long fiber single color pellet filled PPThis data was supplied by SABIC-IP for the Americas region.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Verton-MV00ASUVWH9D703-PP.php

Physical Properties	Metric	English	Comments
Density	1.35 g/cc	0.0488 lb/in ³	ASTM D 792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	136 MPa	19700 psi	5 mm/min; ISO 527
Tensile Strength, Yield	136 MPa	19700 psi	5 mm/min; ISO 527
Elongation at Break	1.9 %	1.9 %	5 mm/min; ISO 527
Elongation at Yield	1.9 %	1.9 %	5 mm/min; ISO 527
Tensile Modulus	8.83 GPa	1280 ksi	1 mm/min; ISO 527
Flexural Strength	199 MPa	28900 psi	2 mm/min; ISO 178
Flexural Modulus	9.43 GPa	1370 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	22.0 kJ/m ²	10.5 ft-lb/in ²	80*10*4; ISO 180/1A
	@Temperature -40.0 °C	@Temperature -40.0 °F	
Izod Impact, Unnotched (ISO)	22.0 kJ/m ²	10.5 ft-lb/in ²	80*10*4; ISO 180/1A
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Impact Test	7.00 J	5.16 ft-lb	Instrumented Impact Energy @ peak; ASTM D 3763
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Impact Test	11.0 J	8.11 ft-lb	Instrumented Impact Total Energy; ASTM D 3763
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	153 °C	307 °F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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