

LNP™ VERTON™ MV007SU compound

Polypropylene
SABIC Innovative Plastics Europe

Message:

LNP VERTON MV007SU is a compound based on PP resin containing Long Glass Fiber. Added features include; Chemically Coupled, Heat Stabilized, UV Stabilized.

Also known as: LNP* VERTON* Compound MFX-7007 HS UV

Product reorder name: MV007SU

General Information			
UL YellowCard	E45329-101358095		
Filler / Reinforcement	Long Glass Fiber		
Additive	Heat Stabilizer		
	UV Stabilizer		
Features	Chemically Coupled		
	Heat Stabilized		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.17	g/cm ³	ISO 1183
Molding Shrinkage - Flow	0.20 to 0.50	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	9800	MPa	ISO 527-2/1
Tensile Stress (Break)	115	MPa	ISO 527-2/5
Tensile Strain (Break)	1.7	%	ISO 527-2/5
Flexural Modulus ¹	7700	MPa	ISO 178
Flexural Stress	162	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ² (23°C)	20	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ³ (23°C)	45	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁴			
0.45 MPa, Unannealed, 64.0 mm Span	162	°C	ISO 75-2/Bf
1.8 MPa, Unannealed, 64.0 mm Span	160	°C	ISO 75-2/Af
Flammability	Nominal Value	Test Method	
Flame Rating (1.50 mm)	HB	UL 94	
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	4.0	hr	

Rear Temperature	232 to 243	°C
Middle Temperature	243 to 254	°C
Front Temperature	249 to 260	°C
Processing (Melt) Temp	221 to 249	°C
Mold Temperature	37.8 to 65.6	°C
Back Pressure	0.172 to 0.344	MPa
Screw Speed	30 to 60	rpm

NOTE

- | | |
|----|------------|
| 1. | 2.0 mm/min |
| 2. | 80*10*4 |
| 3. | 80*10*4 |
| 4. | 80*10*4 mm |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

