

LNP™ VERTON™ MV00ASXC compound

Polypropylene

SABIC Innovative Plastics Europe

Message:

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

Also known as: LNP* VERTON* Compound MFX-700-10 HS-S

Product reorder name: MV00ASXC

General Information			
Filler / Reinforcement	Long Glass Fiber		
Additive	Heat Stabilizer		
Features	Chemically Coupled		
	Heat Stabilized		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.33	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	11300	MPa	ISO 527-2/1
Tensile Stress (Break)	118	MPa	ISO 527-2/5
Tensile Strain (Break)	1.6	%	ISO 527-2/5
Flexural Modulus ¹	10100	MPa	ISO 178
Flexural Stress	180	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ² (23°C)	21	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ³ (23°C)	50	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁴			
0.45 MPa, Unannealed, 64.0 mm Span	163	°C	ISO 75-2/Bf
1.8 MPa, Unannealed, 64.0 mm Span	157	°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	

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