

LNP™ VERTON™ PX00700 compound

Polyamide 6

SABIC Innovative Plastics

Message:

LNP VERTON PX00700 is a compound based on Nylon 6 resin containing Long Glass Fiber.

Also known as: LNP* VERTON* Compound PDX-P-00700

Product reorder name: PX00700

General Information			
Filler / Reinforcement	Long glass fiber		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.38	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	9510	MPa	ISO 527-2/1
Tensile Stress (Break)	188	MPa	ISO 527-2
Tensile Strain (Break)	2.7	%	ISO 527-2
Flexural Modulus	8210	MPa	ISO 178
Flexural Stress	249	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact ¹ (23°C)	32	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ² (23°C)	74	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ³			
0.45 MPa, unannealed, 64.0mm span	214	°C	ISO 75-2/Bf
1.8 MPa, unannealed, 64.0mm span	210	°C	ISO 75-2/Af
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.15 - 0.25	%	
Rear Temperature	282 - 293	°C	
Middle Temperature	288 - 299	°C	
Front Temperature	288 - 299	°C	
Processing (Melt) Temp	288 - 304	°C	
Mold Temperature	93.3 - 110	°C	
Back Pressure	0.172 - 0.344	MPa	
Screw Speed	30 - 60	rpm	
NOTE			
1.	80*10*4		
2.	80*10*4		
3.	80*10*4 mm		

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Recommended distributors for this material

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