

LNP™ VERTON™ PX91060 compound

Polyamide 6

SABIC Innovative Plastics

Message:

LNP VERTON PX91060 is a compound based on Nylon 6 resin containing Proprietary Fillers. Added feature of this grade is: Structural.

Also known as: LNP* VERTON* Compound PDX-P-91060

Product reorder name: PX91060

General Information			
Filler / Reinforcement	Proprietary		
Uses	Structural Parts		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.48	g/cm ³	ASTM D792
Molding Shrinkage - Flow (24 hr)	0.10	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	18300	MPa	ASTM D638
Tensile Strength (Break)	236	MPa	ASTM D638
Tensile Elongation (Break)	2.1	%	ASTM D638
Flexural Modulus	15300	MPa	ASTM D790
Flexural Strength	345	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	230	J/m	ASTM D256
Unnotched Izod Impact (23°C)	1400	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	219	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.15 to 0.25	%	
Rear Temperature	249 to 260	°C	
Middle Temperature	266 to 277	°C	
Front Temperature	277 to 288	°C	
Processing (Melt) Temp	266 to 277	°C	
Mold Temperature	82.2 to 93.3	°C	
Back Pressure	0.344 to 0.689	MPa	
Screw Speed	30 to 60	rpm	
NOTE			

1. 50 mm/min

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Recommended distributors for this material

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