

LNP™ VERTON™ RVL36SXS compound

Polyamide 66

SABIC Innovative Plastics Europe

Message:

LNP VERTON RVL36SXS is a compound based on PA 66 resin containing Long Glass Fiber, PTFE. Added features include; Internally Lubricated.
Also known as: LNP* VERTON* Compound RFL-8036
Product reorder name: RVL36SXS

General Information			
Filler / Reinforcement	Long Glass Fiber		
Additive	PTFE Lubricant		
Features	Lubricated		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.53	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	11200	MPa	ISO 527-2/1
Tensile Stress (Break)	185	MPa	ISO 527-2/5
Tensile Strain (Break)	2.3	%	ISO 527-2/5
Flexural Modulus ¹	9300	MPa	ISO 178
Flexural Stress	275	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ² (23°C)	33	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ³ (23°C)	70	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁴			
0.45 MPa, Unannealed, 64.0 mm Span	265	°C	ISO 75-2/Bf
1.8 MPa, Unannealed, 64.0 mm Span	261	°C	ISO 75-2/Af
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.15 to 0.25	%	
Rear Temperature	282 to 293	°C	
Middle Temperature	288 to 299	°C	
Front Temperature	288 to 299	°C	
Processing (Melt) Temp	288 to 304	°C	
Mold Temperature	93.3 to 110	°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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Recommended distributors for this material

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