

LNP™ VERTON™ RV0079 compound

Polyamide 66
SABIC Innovative Plastics

Message:

LNP VERTON* RV0079 is a compound based on Nylon 66 resin containing Flame Retardant, Long Glass Fiber, Long Glass. Added features of this material include: Easy Molding.

Also known as: LNP* VERTON* Compound RF-7007 FR

Product reorder name: RV0079

General Information			
Filler / Reinforcement	Long Glass Fiber		
Features	Flame Retardant		
	Good Moldability		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.69	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	15100	MPa	ISO 527-2/1
Tensile Stress (Break)	213	MPa	ISO 527-2
Tensile Strain (Break)	1.8	%	ISO 527-2
Flexural Modulus	13300	MPa	ISO 178
Flexural Stress	298	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ¹ (23°C)	33	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ² (23°C)	58	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ³			
0.45 MPa, Unannealed, 64.0 mm Span	262	°C	ISO 75-2/Bf
1.8 MPa, Unannealed, 64.0 mm Span	259	°C	ISO 75-2/Af
Flammability	Nominal Value	Test Method	
Flame Rating (1.70 mm, Testing by SABIC)	V-0	UL 94	
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.	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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