

LNP™ VERTON™ RV007E compound

Polyamide 66
SABIC Innovative Plastics Europe

Message:

LNP VERTON RV007E is a compound based on Nylon 66 resin containing Long Glass Fiber. Added features of this material include: Easy Molding.
Also known as: LNP* VERTON* Compound RF-7007 EM
Product reorder name: RV007E

General Information			
UL YellowCard	E45329-101282651		
Filler / Reinforcement	Long Glass Fiber		
Features	Good Moldability		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.42	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	214	MPa	ISO 527-2/5
Tensile Strain (Break)	2.1	%	ISO 527-2/5
Flexural Modulus ¹	10200	MPa	ISO 178
Flexural Stress	309	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ² (23°C)	29	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ³ (1.8 MPa, Unannealed, 64.0 mm Span)	252	°C	ISO 75-2/Af
Flammability	Nominal Value	Unit	Test Method
Glow Wire Flammability Index (0.750 mm)	960	°C	IEC 60695-2-12
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 mm

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Recommended distributors for this material

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