

LNP™ VERTON™ RV008E compound

Polyamide 66
SABIC Innovative Plastics

Message:

LNP VERTON RV008E is a compound based on Nylon 66 resin containing 40% Long Glass Fiber. Added features of this material include: Easy Molding, Structural.
Also known as: LNP* VERTON* Compound RF-7008 EM
Product reorder name: RV008E

General Information			
Filler / Reinforcement	Long Glass Fiber,40% Filler by Weight		
Features	Good Moldability		
Uses	Structural Parts		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.47	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	14000	MPa	ASTM D638
Tensile Strength (Break)	172	MPa	ASTM D638
Tensile Elongation (Break)	1.5	%	ASTM D638
Flexural Modulus	11600	MPa	ASTM D790
Flexural Strength	221	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	96	J/m	ASTM D256
Unnotched Izod Impact (23°C)	530	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	238	°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	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.	50 mm/min		

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Recommended distributors for this material

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