



LNP™ VERTON™ Compound RV007E

Europe-Africa-Middle East: COMMERCIAL

Also known as: LNP™ VERTON™ Compound RF-7007 EM
Product reorder name: RV007E

LNP VERTON RV007E is a compound based on Nylon 66 resin containing Long Glass Fiber. Added features of this material include: Easy Molding.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break, 5 mm/min	214	MPa	ISO 527
Tensile Strain, break, 5 mm/min	2.1	%	ISO 527
Flexural Stress, break, 2 mm/min	309	MPa	ISO 178
Flexural Modulus, 2 mm/min	10200	MPa	ISO 178
IMPACT			
Izod Impact, notched 80*10*4 +23°C	29	kJ/m ²	ISO 180/1A
THERMAL			
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	252	°C	ISO 75/Af
PHYSICAL			
Density	1.42	g/cm ³	ISO 1183
FLAME CHARACTERISTICS			
Glow Wire Flammability Index 960°C, passes at	0.75	mm	IEC 60695-2-12



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PROCESSING PARAMETERS	TYPICAL VALUE	Unit
Injection Molding		
Drying Temperature	80	°C
Drying Time	4	hrs
Maximum Moisture Content	0.15 - 0.25	%
Melt Temperature	290 - 305	°C
Front - Zone 3 Temperature	290 - 300	°C
Middle - Zone 2 Temperature	290 - 300	°C
Rear - Zone 1 Temperature	280 - 295	°C
Mold Temperature	95 - 110	°C
Back Pressure	0.2 - 0.3	MPa
Screw Speed	30 - 60	rpm