



LNP™ VERTON™ Compound RV008S

Americas: COMMERCIAL

Also known as: LNP™ VERTON™ Compound RF-7008 HS

Product reorder name: RV008S

LNP VERTON RV008S is a compound based on Nylon 66 resin containing 40% Long Glass Fiber. Added features of this material include: Heat Stabilized, Structural.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break	2450	kgf/cm ²	ASTM D 638
Tensile Strain, break	2.1	%	ASTM D 638
Tensile Modulus, 50 mm/min	141300	kgf/cm ²	ASTM D 638
Flexural Stress	1050	kgf/cm ²	ASTM D 790
Flexural Modulus	126500	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	98	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	36	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	261	°C	ASTM D 648
PHYSICAL			
Density	1.47	g/cm ³	ASTM D 792
Mold Shrinkage, flow, 24 hrs (5)	0.2	%	ASTM D 955



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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