

LNP* Verton* Compound UV007S

Asia Pacific: COMMERCIAL

Also known as: LNP* Verton* Compound UF-7007 HS

Product reorder name: UV007S

LNP VERTON* UV007S is a compound based on Polyphthalamide resin containing Long Glass, Long Glass Fiber. Added features of this material include: Heat Stabilized.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	UNIT	STANDARD
MECHANICAL			
Tensile Stress, break	181	MPa	ISO 527
Tensile Strain, break	1.6	%	ISO 527
Tensile Modulus, 1 mm/min	12500	MPa	ISO 527
Flexural Stress	265	MPa	ISO 178
Flexural Modulus	11200	MPa	ISO 178
IMPACT			
Izod Impact, notched 80*10*4 +23°C	23	kJ/m ²	ISO 180/1A
THERMAL			
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	270	°C	ISO 75/Af
PHYSICAL			
Density	1.45	g/cm ³	ISO 1183

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PROCESSING PARAMETERS	TYPICAL VALUE	UNIT
Injection Molding		
Drying Temperature	120 - 150	°C
Drying Time	4	hrs
Maximum Moisture Content	0.15	%
Melt Temperature	315 - 330	°C
Front - Zone 3 Temperature	330 - 345	°C
Middle - Zone 2 Temperature	320 - 330	°C
Rear - Zone 1 Temperature	315 - 325	°C
Mold Temperature	140 - 165	°C
Back Pressure	0.2 - 0.3	MPa
Screw Speed	30 - 60	rpm