

LNP* Verton* Compound UV00A

Asia Pacific: COMMERCIAL

Also known as: LNP* Verton* Compound UF-700-10

Product reorder name: UV00A

LNP VERTON* UV00A is a compound based on Polyphthalamide resin containing Long Glass.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	UNIT	STANDARD
MECHANICAL			
Tensile Stress, break	245	MPa	ISO 527
Tensile Strain, break	1.5	%	ISO 527
Tensile Modulus, 1 mm/min	20360	MPa	ISO 527
Flexural Stress	359	MPa	ISO 178
Flexural Modulus	17700	MPa	ISO 178
IMPACT			
Izod Impact, notched 80*10*4 +23°C	38	kJ/m ²	ISO 180/1A
THERMAL			
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	276	°C	ISO 75/Af
PHYSICAL			
Density	1.63	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