



LNP™ VERTON™ Compound PX91200

Americas: COMMERCIAL

Also known as: LNP™ VERTON™ Compound PDX-P-91200

Product reorder name: PX91200

LNP VERTON™ PX91200 is a compound based on Nylon 6 resin containing Proprietary Fillers. Added features of this material include: High Impact, Structural

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break	181	MPa	ISO 527
Tensile Strain, break	2	%	ISO 527
Tensile Modulus, 1 mm/min	12100	MPa	ISO 527
Flexural Stress	250	MPa	ISO 178
Flexural Modulus	10290	MPa	ISO 178
IMPACT			
Izod Impact, unnotched 80*10*4 +23°C	68	kJ/m ²	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	25	kJ/m ²	ISO 180/1A
THERMAL			
HDT/Bf, 0.45 MPa Flatw 80*10*4 sp=64mm	225	°C	ISO 75/Bf
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	222	°C	ISO 75/Af
PHYSICAL			
Density	1.49	g/cm ³	ISO 1183



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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	265 - 275	°C
Front - Zone 3 Temperature	275 - 290	°C
Middle - Zone 2 Temperature	265 - 275	°C
Rear - Zone 1 Temperature	250 - 260	°C
Mold Temperature	80 - 95	°C
Back Pressure	0.3 - 0.7	MPa
Screw Speed	30 - 60	rpm