



LNP™ VERTON™ Compound MV00ASXC

Europe-Africa-Middle East: COMMERCIAL

Also known as: LNP™ VERTON™ Compound MFX-700-10 HS-S
Product reorder name: MV00ASXC

LNP VERTON MV00ASXC is a compound based on PP resin containing Long Glass Fiber. Added features include; Chemically Coupled, Heat Stabilized.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break, 5 mm/min	118	MPa	ISO 527
Tensile Strain, break, 5 mm/min	1.6	%	ISO 527
Tensile Modulus, 1 mm/min	11300	MPa	ISO 527
Flexural Stress, break, 2 mm/min	180	MPa	ISO 178
Flexural Modulus, 2 mm/min	10100	MPa	ISO 178
IMPACT			
Izod Impact, unnotched 80*10*4 +23°C	50	kJ/m ²	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	21	kJ/m ²	ISO 180/1A
THERMAL			
HDT/Bf, 0.45 MPa Flatw 80*10*4 sp=64mm	163	°C	ISO 75/Bf
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	157	°C	ISO 75/Af
PHYSICAL			
Density	1.33	g/cm ³	ISO 1183
FLAME CHARACTERISTICS			
UL Recognized, 94HB Flame Class Rating (3)	1.5	mm	UL 94



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PROCESSING PARAMETERS	TYPICAL VALUE	Unit
Injection Molding		
Drying Temperature	80	°C
Drying Time	4	hrs
Melt Temperature	220 - 250	°C
Front - Zone 3 Temperature	250 - 260	°C
Middle - Zone 2 Temperature	245 - 255	°C
Rear - Zone 1 Temperature	230 - 245	°C
Mold Temperature	40 - 65	°C
Back Pressure	0.2 - 0.3	MPa
Screw Speed	30 - 60	rpm