

## LNP\* Verton\* Compound MV00ASUV\_WH9D703 Americas: COMMERCIAL

Preliminary data for 50% Long fiber single color pellet filled PP

### Property

TYPICAL PROPERTIES <sup>(1)</sup>			
MECHANICAL	Value	Unit	Standard
Tensile Stress, yield	136	MPa	ISO 527
Tensile Stress, break	136	MPa	ISO 527
Tensile Strain, yield	1.9	%	ISO 527
Tensile Strain, break	1.9	%	ISO 527
Flexural Modulus, 2 mm/min	9430	MPa	ISO 178
IMPACT	Value	Unit	Standard
Instrumented Impact Energy @ peak, 23°C	7	J	ASTM D 3763
Instrumented Impact Total Energy, 23°C	11	J	ASTM D 3763
Izod Impact, unnotched 80*10*4 +23°C	53	kJ/m <sup>2</sup>	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	22	kJ/m <sup>2</sup>	ISO 180/1A
Izod Impact, notched 80*10*4 -40°C	22	kJ/m <sup>2</sup>	ISO 180/1A
THERMAL	Value	Unit	Standard
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	153	°C	ISO 75/Af
PHYSICAL	Value	Unit	Standard
Density	1.35	g/cm <sup>3</sup>	ASTM D 792

Source GMD, last updated:09/09/2008

### Processing

Parameter	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

Source GMD, last updated:09/09/2008

THESE PROPERTY VALUES ARE NOT INTENDED FOR SPECIFICATION PURPOSES.

PLEASE CHECK WITH YOUR [\(LOCAL SALES OFFICE\)](#) FOR AVAILABILITY IN YOUR REGION

(1) Typical values only. Variations within normal tolerances are possible for various colors. All values are measured after at least 48 hours storage at 23°C/50% relative humidity. All properties, except the melt volume and melt flow rates, are measured on injection molded samples. All samples tested under ISO test standards are prepared according to ISO 294.

(2) Only typical data for selection purposes. Not to be used for part or tool design.

(3) This rating is not intended to reflect hazards presented by this or any other material under actual fire conditions.

(4) Internal measurements according to UL standards.

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