

**VYPET VNT 1020**

(Polyester+PC)

Lavergne

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.9	%	ISO 294-4, 2577
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.009	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Stress at break	45	MPa	ISO 527
Flexural modulus, 23°C	2000	MPa	ISO 178
Izod notched impact strength, +23°C	50	kJ/m <sup>2</sup>	ISO 180/1A
<b>ASTM Data</b>			
Tensile Strength at Break	45	MPa	ASTM D 638
Flexural Modulus	2100	MPa	ASTM D 790
Flexural Strength	70	MPa	ASTM D 790
Izod Impact notched, 1/8 in	520	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	95	°C	ISO 75-1/-2
<b>ASTM Data</b>			
DTUL @ 264 psi	95	°C	ASTM D 648
<b>Other properties</b>			
Density	1190	kg/m <sup>3</sup>	ISO 1183
Density	1190	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Delivery form**

Black

**Special Characteristics**

High impact or impact modified

**Chemical Resistance**

General Chemical Resistance

**Applications**

Automotive

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America