

**VYPET VNT 630 FR**

PET-GF30

Lavergne

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Molding shrinkage, parallel	<b>0.2</b>	%	ISO 294-4, 2577
Molding shrinkage, normal	<b>0.9</b>	%	ISO 294-4, 2577
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.002</b>	mm/mm	ASTM D 955
Mold Shrinkage, TD	<b>0.009</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Stress at break	<b>145</b>	MPa	ISO 527
Flexural modulus, 23°C	<b>10000</b>	MPa	ISO 178
Izod notched impact strength, +23°C	<b>8</b>	kJ/m <sup>2</sup>	ISO 180/1A
<b>ASTM Data</b>			
Tensile Strength at Break	<b>145</b>	MPa	ASTM D 638
Flexural Modulus	<b>10200</b>	MPa	ASTM D 790
Flexural Strength	<b>215</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>90</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>221</b>	°C	ISO 75-1/-2
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-0</b>	-	UL 94
Thickness tested	<b>0.85</b>	mm	-
DTUL @ 264 psi	<b>221</b>	°C	ASTM D 648
<b>Electrical properties</b>			
<b>ASTM Data</b>			
Dielectric Strength, Short Time	<b>17.2</b>	kV/mm	ASTM D 149
Volume Resistivity	<b>1E15</b>	Ohm*cm	ASTM D 257
<b>Other properties</b>			
Density	<b>1650</b>	kg/m <sup>3</sup>	ISO 1183
Density	<b>1650</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Flame retardant

**Applications**

Electrical and Electronical

**Regional Availability**

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