

**Product Texts**

Vydyne B 20 GF BK EST KW2 is standard flow, organic heat stabilized, 20% glass-fiber reinforced PA6 resin. Available in black, this product is also lubricated for improved machine feed and flow.

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Molding shrinkage, parallel	<b>0.5 / *</b>	%	ISO 294-4, 2577
<sup>[C]</sup> Molding shrinkage, normal	<b>0.9 / *</b>	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	<b>6700 / 4000</b>	MPa	ISO 527
<sup>[C]</sup> Stress at break	<b>141 / 81</b>	MPa	ISO 527
<sup>[C]</sup> Strain at break	<b>3.3 / 6.8</b>	%	ISO 527

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melting temperature, 10°C/min	<b>220 / *</b>	°C	ISO 11357-1/-3
<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	<b>205 / *</b>	°C	ISO 75-1/-2
<sup>[C]</sup> Temp. of deflection under load, 0.45 MPa	<b>210 / *</b>	°C	ISO 75-1/-2
<sup>[C]</sup> Burning Behav. at 1.5 mm nom. thickn.	<b>HB / *</b>	class	IEC 60695-11-10

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
<sup>[C]</sup> Humidity absorption	<b>2.3 / *</b>	%	Sim. to ISO 62
<sup>[C]</sup> Density	<b>1280 / -</b>	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics**

**Processing**

Injection Molding

**Special Characteristics**

Heat stabilized or stable to heat

**Delivery form**

Pellets, Black

**Regional Availability**

North America, Europe, Asia Pacific

**Additives**

Lubricants