

**Product Texts**

Vydyne A 1515 GFB NT EST KW2 is standard flow, organic heat stabilized, 15% glass-beads and 15% glass-fiber reinforced PA66 resin. Available in natural, this product is also lubricated for improved machine feed and flow. Glass-beads provide the molded parts with good surface finish and low warpage, while glass-fiber increase stiffness and strength.

<b>Processing/Physical Characteristics</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Molding shrinkage, parallel	<b>0.6 / *</b>	%	ISO 294-4, 2577
<sup>[C]</sup> Molding shrinkage, normal	<b>0.8 / *</b>	%	ISO 294-4, 2577

[C]: CAMPUS

<b>Mechanical properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	<b>6800 / 4000</b>	MPa	ISO 527
<sup>[C]</sup> Stress at break	<b>120 / 75</b>	MPa	ISO 527
<sup>[C]</sup> Strain at break	<b>2.5 / 5</b>	%	ISO 527

[C]: CAMPUS

<b>Thermal properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Melting temperature, 10°C/min	<b>260 / *</b>	°C	ISO 11357-1/-3
<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	<b>240 / *</b>	°C	ISO 75-1/-2
<sup>[C]</sup> Temp. of deflection under load, 0.45 MPa	<b>245 / *</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

<b>Other properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<sup>[C]</sup> Humidity absorption	<b>1.7 / *</b>	%	Sim. to ISO 62
<sup>[C]</sup> Density	<b>1350 / -</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, Natural Color

**Features**  
Low Warpage

**Additives**  
Lubricants

**Regional Availability**  
North America, Europe, Asia Pacific