

**Product Texts**

Vydyne AG10 is a 50% glass fiber reinforced PA66 for injection molded applications.

<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>14800 / -</b>	MPa	ISO 527
<sup>[C]</sup> Stress at break	<b>210 / -</b>	MPa	ISO 527
<sup>[C]</sup> Strain at break	<b>3 / -</b>	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	<b>140 / -</b>	kJ/m <sup>2</sup>	ISO 179/1eU

[C]: CAMPUS

<b>Thermal properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Coeff. of linear therm. expansion, parallel	<b>19 / *</b>	E-6/K	ISO 11359-1/-2
<sup>[C]</sup> Coeff. of linear therm. expansion, normal	<b>71 / *</b>	E-6/K	ISO 11359-1/-2
<sup>[C]</sup> Oxygen index	<b>27 / *</b>	%	ISO 4589-1/-2

[C]: CAMPUS

<b>Electrical properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Volume resistivity	<b>&gt;1E13 / -</b>	Ohm*m	IEC 62631-3-1

[C]: CAMPUS

<b>Other properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<sup>[C]</sup> Humidity absorption	<b>0.7 / *</b>	%	Sim. to ISO 62
<sup>[C]</sup> Density	<b>1580 / -</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

**Regional Availability**

North America, Europe

**Additives**

Release agent