

**Product Texts**

Vydyne P1000IX1 (formerly P1000HI006 and Star X 2006) is an impact modified PA6 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>2500 / -</b>	MPa	ISO 527
<sup>[C]</sup> Yield stress	<b>60 / -</b>	MPa	ISO 527
<sup>[C]</sup> Yield strain	<b>3.8 / -</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> Temp. of deflection under load, 1.80 MPa	<b>50 / *</b>	°C	ISO 75-1/-2
<sup>[C]</sup> Temp. of deflection under load, 0.45 MPa	<b>145 / *</b>	°C	ISO 75-1/-2

[C]: CAMPUS

<b>Other properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<sup>[C]</sup> Density	<b>1110 / -</b>	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics**

**Processing**

Injection Molding

**Special Characteristics**

High impact or impact modified

**Delivery form**

Pellets

**Regional Availability**

North America, Europe

**Additives**

Release agent