

**Staramide PF007IX2**

PA6-GF

Eurostar Engineering Plastics

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>8700</b>	MPa	ISO 527
Yield stress	<b>125</b>	MPa	ISO 527
Yield strain	<b>2.9</b>	%	ISO 527
Stress at break	<b>123</b>	MPa	ISO 527
Strain at break	<b>3</b>	%	ISO 527
Flexural modulus, 23°C	<b>6800</b>	MPa	ISO 178
Izod impact strength, +23°C	<b>55</b>	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	<b>20</b>	kJ/m <sup>2</sup>	ISO 180/1A

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>200</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>217</b>	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	<b>27</b>	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	<b>122</b>	E-6/K	ISO 11359-1/-2

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1360</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding, Other Extrusion

**Features**

Low Odor

**Delivery form**

Pellets

**Regional Availability**

Europe

**Special Characteristics**

High impact or impact modified