

**Staramide AG6ST01**

PA66-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>7400</b>	MPa	ISO 527
Stress at break	<b>130</b>	MPa	ISO 527
Strain at break	<b>4</b>	%	ISO 527
Izod notched impact strength, +23°C	<b>12</b>	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	<b>8</b>	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	<b>-20</b>	°C	-
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>235</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>245</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>78</b>	E-6/K	ISO 11359-1/-2
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
Thickness tested	<b>1.6</b>	mm	-
<b>Other properties</b>			
Density	<b>1360</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding, Other Extrusion

**Delivery form**

Pellets

**Special Characteristics**

High impact or impact modified

**Features**

Low Odor

**Regional Availability**

Europe