

**Product Texts**

Base Polymer	Polyamide 6
Filler/Additive System	glass fibres / glass beads
Special Features	heat stabilised
Market Segment	various
Application Area	various

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	<b>6000</b>	MPa	ISO 527
<sup>[C]</sup> Stress at break	<b>110</b>	MPa	ISO 527
<sup>[C]</sup> Strain at break	<b>2.9</b>	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	<b>40</b>	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	<b>4.5</b>	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	<b>202</b>	°C	ISO 75-1/-2

[C]: CAMPUS

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

[C]: CAMPUS

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific, Near East/Africa

**Other text information****Injection molding**

Pre-Drying Conditions	in a dry air (dessiccant) dryer 60-80 °C for 2-12 h dependant on moisture content
Processing Injection Moulding	melt temperature 260-290 °C mould temperature 80-100 °C
Storage	dry, protected from light not above 30°C