

**Product Texts**

Base Polymer	Polyamide 6
Filler/Additive System	25 % glass fibres
Special Features	high heat stabilised,easy release (demoulding),heat stabilised,easy flow
Typical Applications	housings,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>8000</b>	MPa	ISO 527
<sup>[C]</sup> Stress at break	<b>115</b>	MPa	ISO 527
<sup>[C]</sup> Strain at break	<b>2.7</b>	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	<b>50</b>	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	<b>5.5</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>198</b>	°C	ISO 75-1/-2
<sup>[C]</sup> Burning Behav. at thickness h	<b>HB</b>	class	IEC 60695-11-10
Thickness tested	<b>0.8</b>	mm	-
Yellow Card available	<b>yes</b>	-	-

[C]: CAMPUS

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<sup>[C]</sup> Density	<b>1310</b>	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics****Processing**

Injection Molding

**Regional Availability**

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

**Certifications**

Recycled Resin Content

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

Pre-Drying Conditions      80 °C in a dry air (dessiccant) dryer  
for 2-12 h  
dependant on moisture content  
max. moisture content <0,15 %

Processing Injection Moulding      melt temperature 270-290 °C  
mould temperature 80-100 °C

Storage      dry, protected from light  
not above 30°C