

**Product Texts**

Base Polymer	Polyamide 6
Filler/Additive System	30 % glass fibres
Special Features	easy release (demoulding), elastomer modified, high toughness, heat stabilised
Typical Applications	housings, various

<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>7500 / -</b>	MPa	ISO 527
<sup>[C]</sup> Stress at break	<b>110 / -</b>	MPa	ISO 527
<sup>[C]</sup> Strain at break	<b>3.7 / -</b>	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	<b>75 / -</b>	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	<b>20 / -</b>	kJ/m <sup>2</sup>	ISO 179/1eA

[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>204 / *</b>	°C	ISO 75-1/-2
<sup>[C]</sup> Burning Behav. at 1.5 mm nom. thickn.	<b>HB / *</b>	class	IEC 60695-11-10
Thickness tested	<b>1.5 / *</b>	mm	-

[C]: CAMPUS

<b>Other properties</b>	<b>dry / cond</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, South and Central America, Near East/Africa

**Special Characteristics**

High impact or impact modified, Heat stabilized or stable to heat

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

Pre-Drying Conditions 80 °C in a dry air (desiccant) 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