

**Product Texts**

Base Polymer	Polyamide 6
Filler/Additive System	30 % glass fibres
Special Features	heat stabilised,easy release (demoulding),contains recycled material
Market Segment	Automotive,Machinery,building and construction,sport and leisure
Typical Applications	housings

**Mechanical properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
[C] Tensile Modulus	9300	MPa	ISO 527
[C] Stress at break	140	MPa	ISO 527
[C] Strain at break	2.5	%	ISO 527
[C] Charpy impact strength, +23°C	55	kJ/m <sup>2</sup>	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	8	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

**Thermal properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
[C] Temp. of deflection under load, 1.80 MPa	208	°C	ISO 75-1/-2

[C]: CAMPUS

**Other properties**

	Value	Unit	Test Standard
[C] Density	1360	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	in a dry air (dessiccant) dryer <80 °C 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