

**Product Texts**

Base Polymer	Polyamide 6
Filler/Additive System	50 % glass fibres
Special Features	heat stabilised, injection moulding grade
Application Area	food contact

<b>Mechanical properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	14300 / -	MPa	ISO 527
<sup>[C]</sup> Stress at break	170 / -	MPa	ISO 527
<sup>[C]</sup> Strain at break	3 / -	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	74 / -	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	11 / -	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	214 / *	°C	ISO 75-1/-2

[C]: CAMPUS

<b>Other properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<sup>[C]</sup> Density	1560 / -	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics****Processing**

Injection Molding

**Regional Availability**

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

**Certifications**

Food contact

**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  
not above 30°C