

**Product Texts**

Base Polymer	Polyamide 6
Special Features	heat stabilised,UV stabilised,fast solidifying,high viscosity
Market Segment	building and construction
Application Area	extruded parts

<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>3250 / 1100</b>	MPa	ISO 527
<sup>[C]</sup> Yield stress	<b>84 / 43</b>	MPa	ISO 527
<sup>[C]</sup> Yield strain	<b>3.8 / 24</b>	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	<b>N / N</b>	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	<b>5 / 30</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>63 / *</b>	°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	<b>1140 / -</b>	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics****Processing**

Injection Molding

**Regional Availability**

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

**Special Characteristics**

U.V. stabilized or stable to weather

**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 250-270 °C  
 mould temperature 40-80 °C

Storage      dry, protected from light  
 not above 30°C