

**Product Texts**

Base Polymer	Polyamide 6
Filler/Additive System	50 % glass fibres
Special Features	heat stabilised, highly UV stabilised
Market Segment	various
Application Area	various, exterior parts, gardening tools

**Mechanical properties**

	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
[C] Tensile Modulus	15500 / -	MPa	ISO 527
[C] Stress at break	170 / -	MPa	ISO 527
[C] Strain at break	2 / -	%	ISO 527
[C] Charpy impact strength, +23°C	60 / -	kJ/m <sup>2</sup>	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	9 / -	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

**Thermal properties**

	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
[C] Temp. of deflection under load, 1.80 MPa	215 / *	°C	ISO 75-1/-2
[C] Vicat softening temperature, B	214 / *	°C	ISO 306

[C]: CAMPUS

**Other properties**

	dry / cond	Unit	Test Standard
[C] Density	1570 / -	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 0-80 °C  
for 1-12 h  
dependant on moisture content

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

Storage      dry, protected from light  
not above 30°C