

Product Texts

Base Polymer	Polyamide 6
Filler/Additive System	30 % glass fibres
Special Features	heat stabilised,UV stabilised,fast solidifying
Market Segment	Automotive,Machinery,building and construction
Typical Applications	housings,functional components,various

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	9300	MPa	ISO 527
^[C] Stress at break	160	MPa	ISO 527
^[C] Strain at break	3.4	%	ISO 527
^[C] Charpy impact strength, +23°C	84	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	12	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties

	Value	Unit	Test Standard
ISO Data			
^[C] Temp. of deflection under load, 1.80 MPa	213	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties

	Value	Unit	Test Standard
^[C] Density	1350	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa

Special Characteristics

Anti-static, U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Other text information**Injection molding**

Pre-Drying Conditions in a dry air (dessiccant) dryer <80 °C
for 2-12 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