

Product Texts

Base Polymer	Polyamide 6
Filler/Additive System	45 % glass fibres
Special Features	heat stabilised, fast solidifying
Market Segment	various
Application Area	various

Mechanical properties

dry / cond

Unit

Test Standard

ISO Data

^[C] Tensile Modulus	14000 / -	MPa	ISO 527
^[C] Stress at break	190 / -	MPa	ISO 527
^[C] Strain at break	2.5 / -	%	ISO 527
^[C] Charpy impact strength, +23°C	75 / -	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	15 / -	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties

dry / cond

Unit

Test Standard

ISO Data

^[C] Temp. of deflection under load, 1.80 MPa	215 / *	°C	ISO 75-1/-2
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[C]: CAMPUS

Other properties

dry / cond

Unit

Test Standard

^[C] Density	1510 / -	kg/m ³	ISO 1183
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[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Regional Availability

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

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