

Product Texts

Base Polymer	Polyamide 6
Filler/Additive System	20 % glass fibres
Special Features	heat stabilised,easy release (demoulding),impact modified,injection moulding grade
Market Segment	various
Typical Applications	various

Mechanical properties

dry / cond

Unit

Test Standard

ISO Data

^[C] Tensile Modulus	6200 / 3200	MPa	ISO 527
^[C] Stress at break	115 / 60	MPa	ISO 527
^[C] Strain at break	3.7 / 7.5	%	ISO 527
^[C] Charpy impact strength, +23°C	70 / 80	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	15 / 25	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	204 / *	°C	ISO 75-1/-2
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[C]: CAMPUS

Other properties

dry / cond

Unit

Test Standard

^[C] Density	1250 / -	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

Special Characteristics

High impact or impact modified, 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