

Product Texts

Base Polymer	Polyamide 66
Filler/Additive System	50 % glass fibres
Special Features	heat stabilised,easy release (demoulding),high stiffness
Market Segment	various
Application Area	various

Mechanical properties

dry / cond

Unit

Test Standard

ISO Data

^[C] Tensile Modulus	16500 / 15000	MPa	ISO 527
^[C] Stress at break	230 / 195	MPa	ISO 527
^[C] Strain at break	2.5 / 2.5	%	ISO 527
^[C] Charpy impact strength, +23°C	90 / 80	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	13 / 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	256 / *	°C	ISO 75-1/-2
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[C]: CAMPUS

Other properties

dry / cond

Unit

Test Standard

^[C] Density	1560 / -	kg/m ³	ISO 1183
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[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Regional Availability

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

Other text information**Injection molding**

Pre-Drying Conditions 80 °C in a dry air (dessiccant) dryer
for 2-12 h
dependant on moisture content
max. moisture content <0,15 %

Processing Injection Moulding melt temperature 280-300 °C
mould temperature 80-120 °C

Storage dry, protected from light