

Product Texts

Base Polymer	Polyamide 66
Filler/Additive System	40 % glass beads
Special Features	easy release (demoulding), low warpage
Market Segment	Automotive, electrical and electronic
Application Area	various, injection moulded parts

Mechanical properties

dry / cond

Unit

Test Standard

ISO Data

[C] Tensile Modulus	5200 / -	MPa	ISO 527
[C] Stress at break	75 / -	MPa	ISO 527
[C] Strain at break	3.4 / -	%	ISO 527
[C] Charpy impact strength, +23°C	25 / -	kJ/m ²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	3 / -	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	120 / *	°C	ISO 75-1/-2
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[C]: CAMPUS

Other properties

dry / cond

Unit

Test Standard

[C] Density	1440 / -	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

Special Characteristics

Heat stabilized or stable to heat

Other text information**Injection molding**

Pre-Drying Conditions	80 °C in a dry air (desiccant) dryer for 1-12 h dependant on moisture content max. moisture content <0,10 %
Processing Injection Moulding	melt temperature 280-300 °C mould temperature 80-100 °C
Storage	dry, protected from light not above 30°C