

Product Texts

Base Polymer	Polyamide 66
Filler/Additive System	40 % mineral
Special Features	easy release (demoulding),heat stabilised
Market Segment	Automotive,Machinery,building and construction,sport and leisure
Application Area	injection moulded parts

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	6700 / -	MPa	ISO 527
[C] Stress at break	95 / -	MPa	ISO 527
[C] Strain at break	5.4 / -	%	ISO 527
[C] Charpy impact strength, +23°C	85 / -	kJ/m ²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	4 / -	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	180 / *	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
[C] Density	1470 / -	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

Heat stabilized or stable to heat

Other text information**Injection molding**

Pre-Drying Conditions	80 °C in a dry air (desiccant) dryer for 2-12 h dependant on moisture content max. moisture content <0,12 %
Processing Injection Moulding	melt temperature 280-300 °C mould temperature 80-120 °C
Storage	dry, protected from light