

Product Texts

Base Polymer	Polyamide 66
Filler/Additive System	33 % glass fibres
Special Features	hot oil resistant, improved surface appearance, easy release (demoulding), easy flow, heat stabilised
Market Segment	Automotive
Application Area	engine and drive systems

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	10200 / 6000	MPa	ISO 527
^[C] Stress at break	175 / 110	MPa	ISO 527
^[C] Strain at break	3.5 / 6.3	%	ISO 527
^[C] Charpy impact strength, +23°C	85 / 93	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	12 / 19	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	244 / *	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1390 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific, 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