

Product Texts

Base Polymer	Polyamide 6
Filler/Additive System	3 % silicone
Special Features	improved sliding / wear,heat stabilised
Market Segment	Automotive,Machinery
Application Area	functional components,bearings and sliding elements

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	2600 / -	MPa	ISO 527
[C] Yield stress	65 / -	MPa	ISO 527
[C] Yield strain	3.9 / -	%	ISO 527
[C] Charpy impact strength, +23°C	N / -	kJ/m ²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	5.5 / -	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	58 / *	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
[C] Density	1130 / -	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	in a dry air (dessiccant) dryer <80 °C for 2-12 h dependant on moisture content
Processing Injection Moulding	melt temperature 250-270 °C mould temperature 40-80 °C
Storage	dry, protected from light not above 30°C