

Product Texts

Base Polymer	Polyamide 6
Filler/Additive System	10 % PTFE
Special Features	heat stabilised, impact modified, improved sliding / wear
Market Segment	Automotive, Machinery
Application Area	functional components

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	2400 / 850	MPa	ISO 527
^[C] Yield stress	58 / 35	MPa	ISO 527
^[C] Yield strain	3.9 / 20	%	ISO 527
^[C] Charpy impact strength, +23°C	140 / N	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	6.5 / 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	58 / *	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1160 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific, Near East/Africa

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

Other text information**Injection molding**

Pre-Drying Conditions 80 °C in a dry air (dessiccant) dryer
for 2-12 h
dependant on moisture content

Processing Injection Moulding melt temperature 270-290 °C
mould temperature 80-100 °C

Storage dry, protected from light