

**Product Texts**

Base Polymer	Polyamide 66
Filler/Additive System	2 % molybdenum disulphide
Special Features	improved sliding / wear, heat stabilised
Market Segment	Machinery, various
Application Area	bearings and sliding elements, functional components

**Mechanical properties**

dry / cond

Unit

Test Standard

**ISO Data**

[C] Tensile Modulus	<b>3500 / 1400</b>	MPa	ISO 527
[C] Yield stress	- / <b>58</b>	MPa	ISO 527
[C] Yield strain	- / <b>19</b>	%	ISO 527
[C] Charpy impact strength, +23°C	<b>N / N</b>	kJ/m <sup>2</sup>	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	<b>5 / 12</b>	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

**Thermal properties**

dry / cond

Unit

Test Standard

**ISO Data**

[C] Temp. of deflection under load, 1.80 MPa	<b>85 / *</b>	°C	ISO 75-1/-2
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[C]: CAMPUS

**Other properties**

dry / cond

Unit

Test Standard

[C] Density	<b>1150 / -</b>	kg/m <sup>3</sup>	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      in a dry air (desiccant) dryer <80 °C  
for 2-12 h  
dependant on moisture content

Processing Injection Moulding      melt temperature 270-290 °C  
mould temperature 40-80 °C

Storage      dry, protected from light  
not above 30°C