

**Product Texts**

Base Polymer	Polyamide 66
Filler/Additive System	1 % molybdenum disulphide
Special Features	improved sliding / wear, heat stabilised
Market Segment	Machinery, various
Typical Applications	bearings and sliding elements, functional components

**Mechanical properties**

dry / cond

Unit

Test Standard

**ISO Data**

[C] Tensile Modulus	<b>3400 / 1500</b>	MPa	ISO 527
[C] Yield stress	<b>85 / 58</b>	MPa	ISO 527
[C] Yield strain	<b>4.1 / 10</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 / 17</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>75 / *</b>	°C	ISO 75-1/-2
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[C]: CAMPUS

**Other properties**

dry / cond

Unit

Test Standard

[C] Density	<b>1140 / -</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, Near East/Africa

**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