

**Product Texts**

Base Polymer	Polycarbonate
Filler/Additive System	10 % PTFE
Special Features	improved sliding / wear
Market Segment	Automotive, Machinery
Application Area	various
Typical Applications	housings, functional components, bearings and sliding elements

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
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**ISO Data**

<sup>[C]</sup> Melt volume-flow rate, MVR	9	cm <sup>3</sup> /10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-

[C]: CAMPUS

**Mechanical properties**

	Value	Unit	Test Standard
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**ISO Data**

<sup>[C]</sup> Tensile Modulus	2300	MPa	ISO 527
<sup>[C]</sup> Yield stress	55	MPa	ISO 527
<sup>[C]</sup> Yield strain	5.4	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	N	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	10	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

**Thermal properties**

	Value	Unit	Test Standard
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**ISO Data**

<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	130	°C	ISO 75-1/-2
<sup>[C]</sup> Vicat softening temperature, B	142	°C	ISO 306
<sup>[C]</sup> Burning Behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.5	mm	-

[C]: CAMPUS

**Other properties**

	Value	Unit	Test Standard
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<sup>[C]</sup> Density	1260	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      120 °C in a dry air (dessiccant) dryer  
    for 2-3 h  
    in an air circulating dryer 100-120 °C  
    for 4-12 h  
    dependant on moisture content  
    max. moisture content <0,02 %

Processing Injection Moulding      melt temperature 280-320 °C  
    mould temperature 80-130 °C

Storage                                      dry, protected from light