

**Product Texts**

Base Polymer	Polybutylene Terephthalate
Filler/Additive System	62 % glass fibre/mineral
Special Features	high density,heat stabilised,high acoustic damping
Market Segment	Automotive
Application Area	injection moulded parts
Typical Applications	housings,functional components

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
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**ISO Data**

<sup>[C]</sup> Melt volume-flow rate, MVR	2	cm <sup>3</sup> /10min	ISO 1133
Temperature	260	°C	-
Load	2.16	kg	-

[C]: CAMPUS

**Mechanical properties**

	Value	Unit	Test Standard
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**ISO Data**

<sup>[C]</sup> Tensile Modulus	14500	MPa	ISO 527
<sup>[C]</sup> Stress at break	100	MPa	ISO 527
<sup>[C]</sup> Strain at break	1.2	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	28	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	6	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	207	°C	ISO 75-1/-2
<sup>[C]</sup> Vicat softening temperature, B	213	°C	ISO 306

[C]: CAMPUS

**Other properties**

	Value	Unit	Test Standard
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<sup>[C]</sup> Density	2120	kg/m <sup>3</sup>	ISO 1183
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[C]: CAMPUS

**Characteristics****Processing**

Injection Molding

**Applications**

Automotive, Encapsulation

**Special Characteristics**

Heat stabilized or stable to heat

**Regional Availability**

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

**Other text information****Injection molding**

Pre-Drying Conditions      in a dry air (dessiccant) dryer <120 °C  
for 2-4 h  
dependant on moisture content

Processing Injection Moulding      melt temperature 270-290 °C  
mould temperature 80-120 °C

Storage      dry, protected from light