

**Product Texts**

Base Polymer	Polycarbonate
Filler/Additive System	10 % glass fibres, impact modified
Special Features	UV stabilised, easy release (demoulding), contains recycled material
Market Segment	Automotive, various
Application Area	exterior parts, various
Typical Applications	housings, racking / shelving, various

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
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**ISO Data**

<sup>[C]</sup> Melt volume-flow rate, MVR	7	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	3900	MPa	ISO 527
<sup>[C]</sup> Stress at break	68	MPa	ISO 527
<sup>[C]</sup> Strain at break	4.5	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	60	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	8	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> Vicat softening temperature, B	145	°C	ISO 306
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[C]: CAMPUS

**Other properties**

	Value	Unit	Test Standard
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<sup>[C]</sup> Density	1270	kg/m <sup>3</sup>	ISO 1183
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[C]: CAMPUS

**Characteristics****Processing**

Injection Molding

**Certifications**

Recycled Resin Content

**Special Characteristics**

High impact or impact modified, U.V. stabilized or stable to weather

**Regional Availability**

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

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

Pre-Drying Conditions	in an air circulating dryer 100-120 °C for 4-12 h in a dry air (dessiccant) dryer 100-120 °C for 2-3 h dependant on moisture content max. moisture content <0,02 %
Processing Injection Moulding	melt temperature 310-330 °C mould temperature 80-130 °C
Storage	dry, protected from light