

**Product Texts**

Base Polymer	Polycarbonate
Special Features	UV stabilised,easy release (demoulding),impact modified
Market Segment	electrical and electronic,Lighting,various
Application Area	exterior,fixtures / fittings,various
Typical Applications	garden equipment,housings,various

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
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**ISO Data**

<sup>[C]</sup> Melt volume-flow rate, MVR	8	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	2200	MPa	ISO 527
<sup>[C]</sup> Yield stress	62	MPa	ISO 527
<sup>[C]</sup> Yield strain	5.7	%	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	75	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	141	°C	ISO 306
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[C]: CAMPUS

**Other properties**

	Value	Unit	Test Standard
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<sup>[C]</sup> Density	1230	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      120 °C in a dry air (dessiccant) dryer  
for 2-4 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 270-310 °C  
mould temperature 80-110 °C

Storage      dry, protected from light