

**Product Texts**

Base Polymer	Polycarbonate
Special Features	impact modified,UV stabilised,contains recycled material,flame retardant
Market Segment	electrical and electronic,Lighting
Application Area	lamps,light blocking components,various
Typical Applications	light guides,lamps,sockets,various

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
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**ISO Data**

<sup>[C]</sup> Melt volume-flow rate, MVR	16	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	2500	MPa	ISO 527
<sup>[C]</sup> Yield stress	59	MPa	ISO 527
<sup>[C]</sup> Yield strain	5.3	%	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	30	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	140	°C	ISO 306
<sup>[C]</sup> Burning Behav. at 1.5 mm nom. thickn.	V-2	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	1290	kg/m <sup>3</sup>	ISO 1183
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[C]: CAMPUS

**Characteristics****Processing**

Injection Molding

**Certifications**

Recycled Resin Content

**Delivery form**

White

**Applications**

Electrical and Electronical

**Special Characteristics**

Flame retardant, 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  
    120 °C in an air circulating dryer  
    for 4-12 h  
    max. moisture content <0,02 %

Processing Injection Moulding      melt temperature 270-310 °C  
    mould temperature 80-110 °C

Storage

dry, protected from light