

**Product Texts**

Base Polymer	Polycarbonate
Filler/Additive System	special filler,UV stabilised,antioxidant
Special Features	low gloss,light scattering,high viscosity,extrusion grade
Market Segment	Lighting
Application Area	lighting,light transparent components
Typical Applications	lamp covers

**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	2400	MPa	ISO 527
<sup>[C]</sup> Yield stress	68	MPa	ISO 527
<sup>[C]</sup> Yield strain	5.8	%	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	4	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	122	°C	ISO 75-1/-2
<sup>[C]</sup> Vicat softening temperature, B	135	°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	-
Yellow Card available	yes	-	-
<sup>[C]</sup> Burning Behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Yellow Card available	yes	-	-

[C]: CAMPUS

**Other properties**

	Value	Unit	Test Standard
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<sup>[C]</sup> Density	1190	kg/m <sup>3</sup>	ISO 1183
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[C]: CAMPUS

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

U.V. stabilized or stable to weather

**Delivery form**

White

**Features**

Light Diffusing

**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 Extrusion

melt temperature 240-280 °C

Storage

dry, protected from light