

**Product Texts**

Base Polymer	Methylmethacrylate Acrylonitrile Butadiene Styrene
Filler/Additive System	special filler
Special Features	translucent,light scattering,high light diffusion,good flow
Market Segment	Automotive,Lighting,electrical and electronic
Application Area	lighting,light transparent components
Typical Applications	lamp covers,display elements,operating elements

**Processing/Physical Characteristics****Value****Unit****Test Standard****ISO Data**

<sup>[C]</sup> Melt volume-flow rate, MVR	<b>8</b>	cm <sup>3</sup> /10min	ISO 1133
Temperature	<b>220</b>	°C	-
Load	<b>10</b>	kg	-

[C]: CAMPUS

**Mechanical properties****Value****Unit****Test Standard****ISO Data**

<sup>[C]</sup> Tensile Modulus	<b>1800</b>	MPa	ISO 527
<sup>[C]</sup> Yield stress	<b>41</b>	MPa	ISO 527
<sup>[C]</sup> Yield strain	<b>4</b>	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	<b>140</b>	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	<b>5</b>	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

**Thermal properties****Value****Unit****Test Standard****ISO Data**

<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	<b>76</b>	°C	ISO 75-1/-2
<sup>[C]</sup> Vicat softening temperature, B	<b>87</b>	°C	ISO 306
<sup>[C]</sup> Burning Behav. at 1.5 mm nom. thickn.	<b>HB</b>	class	IEC 60695-11-10
Thickness tested	<b>1.5</b>	mm	-

[C]: CAMPUS

**Other properties****Value****Unit****Test Standard**

<sup>[C]</sup> Density	<b>1070</b>	kg/m <sup>3</sup>	ISO 1183
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[C]: CAMPUS

**Characteristics****Processing**

Injection Molding

**Regional Availability**

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

**Features**

Light Diffusing

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

Pre-Drying Conditions 70 °C in a dry air (dessiccant) dryer  
for 2-3 h  
max. moisture content <0,02 %

Processing Injection Moulding melt temperature 230-260 °C  
mould temperature 50-80 °C

Storage dry, protected from light