

**Product Texts**

Base Polymer	Acrylonitrile/Butadiene/Styrene/Copolymer
Filler/Additive System	10 % special filler
Special Features	highly reflective,opaque
Market Segment	Automotive,Lighting
Application Area	lighting,light blocking components
Typical Applications	light guides,reflectors

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
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**ISO Data**

<sup>[C]</sup> Melt volume-flow rate, MVR	6.5	cm <sup>3</sup> /10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-

[C]: CAMPUS

**Mechanical properties**

	Value	Unit	Test Standard
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**ISO Data**

<sup>[C]</sup> Tensile Modulus	2800	MPa	ISO 527
<sup>[C]</sup> Yield stress	50	MPa	ISO 527
<sup>[C]</sup> Yield strain	2.8	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	80	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	12	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	88	°C	ISO 75-1/-2
<sup>[C]</sup> Vicat softening temperature, B	110	°C	ISO 306

[C]: CAMPUS

**Other properties**

	Value	Unit	Test Standard
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<sup>[C]</sup> Density	1110	kg/m <sup>3</sup>	ISO 1183
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[C]: CAMPUS

**Characteristics****Processing**

Injection Molding

**Features**

Light Blocking, Light Guiding, Light Reflecting, Copolymer

**Delivery form**

White

**Applications**

Automotive

**Special Characteristics**

Opaque

**Regional Availability**

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

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

Pre-Drying Conditions      80 °C in a dry air (dessiccant) dryer  
    for 2-4 h  
    80 °C in an air circulating dryer  
    for 4-8 h  
    max. moisture content <0,02 %

Processing Injection Moulding      melt temperature 220-260 °C  
    mould temperature 50-80 °C

Storage                                      dry, protected from light