

**Product Texts**

Base Polymer	Acrylonitrile/Butadiene/Styrene/Copolymer
Special Features	high surface gloss, slip agent, easy flow, injection moulding grade, antistatic
Application Area	various

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Melt volume-flow rate, MVR	<b>40</b>	cm <sup>3</sup> /10min	ISO 1133
Temperature	<b>220</b>	°C	-
Load	<b>10</b>	kg	-

[C]: CAMPUS

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	<b>2250</b>	MPa	ISO 527
<sup>[C]</sup> Yield stress	<b>40</b>	MPa	ISO 527
<sup>[C]</sup> Yield strain	<b>2</b>	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	<b>90</b>	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	<b>20</b>	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	<b>85</b>	°C	ISO 75-1/-2
<sup>[C]</sup> Vicat softening temperature, B	<b>95</b>	°C	ISO 306

[C]: CAMPUS

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<sup>[C]</sup> Density	<b>1040</b>	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics****Processing**

Injection Molding

**Features**

Copolymer

**Special Characteristics**

Anti-static

**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 3-6 h

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

Storage                                      dry, protected from light  
    not above 30°C