

**Product Texts**

Base Polymer	Acrylonitrile/Butadiene/Styrene/Copolymer
Special Features	easy flow,injection moulding grade,laser etchable (dark etching)
Market Segment	various,electrical and electronic
Typical Applications	domestic appliances,various

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melt volume-flow rate, MVR	32	cm <sup>3</sup> /10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-

[C]: CAMPUS

**Mechanical properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	2400	MPa	ISO 527
<sup>[C]</sup> Yield stress	44	MPa	ISO 527
<sup>[C]</sup> Yield strain	2.3	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	95	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	20	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

**Thermal properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	84	°C	ISO 75-1/-2
<sup>[C]</sup> Vicat softening temperature, B	93	°C	ISO 306

[C]: CAMPUS

**Other properties**

	Value	Unit	Test Standard
<sup>[C]</sup> Density	1050	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics****Processing**

Injection Molding

**Applications**

Electrical and Electronical

**Features**

Laser Markable, Copolymer

**Regional Availability**

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

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

Pre-Drying Conditions      80 °C in an air circulating dryer  
for 3-6 h  
80 °C in a dry air (dessiccant) dryer  
for 2-4 h  
dependant on moisture content

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

Storage      dry, protected from light