

**Product Texts**

Base Polymer	Acrylonitrile/Butadiene/Styrene/Copolymer
Colour	metallic
Special Features	UV stabilised, good flow
Market Segment	building and construction, sport and leisure
Application Area	domestic appliances
Typical Applications	housings

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
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**ISO Data**

<sup>[C]</sup> Melt volume-flow rate, MVR	33	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	2500	MPa	ISO 527
<sup>[C]</sup> Yield stress	42	MPa	ISO 527
<sup>[C]</sup> Yield strain	2.2	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	45	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	14	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	80	°C	ISO 75-1/-2
<sup>[C]</sup> Vicat softening temperature, B	94	°C	ISO 306

[C]: CAMPUS

**Other properties**

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

**Characteristics****Processing**

Injection Molding

**Features**

Metallic effect, Copolymer

**Additives**

Plasticizer

**Applications**

Building Construction, Encapsulation, Sports Equipment

**Special Characteristics**

U.V. stabilized or stable to weather

**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  
    dependant on moisture content

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

Storage                                      dry, protected from light