

**Product Texts**

Base Polymer	Acrylonitrile/Butadiene/Styrene/Copolymer
Special Features	antistatic,easy release (demoulding),injection moulding grade
Market Segment	electrical and electronic
Application Area	domestic appliances
Typical Applications	vacuum cleaners,housings

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
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**ISO Data**

<sup>[C]</sup> Melt volume-flow rate, MVR	20	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	2200	MPa	ISO 527
<sup>[C]</sup> Yield stress	41	MPa	ISO 527
<sup>[C]</sup> Yield strain	2.2	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	115	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	23	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	82	°C	ISO 75-1/-2
<sup>[C]</sup> Vicat softening temperature, B	94	°C	ISO 306
<sup>[C]</sup> Burning Behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Yellow Card available	yes	-	-

[C]: CAMPUS

**Other properties**

	Value	Unit	Test Standard
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<sup>[C]</sup> Density	1040	kg/m <sup>3</sup>	ISO 1183
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[C]: CAMPUS

**Characteristics****Processing**

Injection Molding

**Applications**

Electrical and Electronical, Encapsulation

**Special Characteristics**

Anti-static, Heat stabilized or stable to heat

**Regional Availability**

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

**Features**

Copolymer

**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