

Product Texts

Base Polymer	Acrylonitrile/Butadiene/Styrene/Copolymer
Colour	metallic effect
Special Features	low tendency to flow lines,easy flow
Market Segment	electrical and electronic,building and construction
Application Area	domestic appliances,sanitary articles
Typical Applications	housings

Processing/Physical Characteristics

	Value	Unit	Test Standard
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ISO Data

^[C] Melt volume-flow rate, MVR	28	cm ³ /10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-

[C]: CAMPUS

Mechanical properties

	Value	Unit	Test Standard
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ISO Data

^[C] Tensile Modulus	2350	MPa	ISO 527
^[C] Yield stress	37	MPa	ISO 527
^[C] Yield strain	2.2	%	ISO 527
^[C] Charpy impact strength, +23°C	24	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	9	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties

	Value	Unit	Test Standard
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ISO Data

^[C] Temp. of deflection under load, 1.80 MPa	85	°C	ISO 75-1/-2
^[C] Vicat softening temperature, B	94	°C	ISO 306

[C]: CAMPUS

Other properties

	Value	Unit	Test Standard
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^[C] Density	1080	kg/m ³	ISO 1183
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[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Applications

Building Construction, Electrical and Electronical, Encapsulation

Additives

Plasticizer

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa

Features

Metallic effect, 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

not above 30°C