

**Product Texts**

Base Polymer	Acrylonitrile/Butadiene/Styrene/Copolymer
Filler/Additive System	20 % glass fibres
Special Features	high stiffness, injection moulding grade
Market Segment	various
Typical Applications	housings, various

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melt volume-flow rate, MVR	5	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	6100	MPa	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	17	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	5	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	100	°C	ISO 75-1/-2
<sup>[C]</sup> Vicat softening temperature, B	104	°C	ISO 306

[C]: CAMPUS

**Other properties**

	Value	Unit	Test Standard
<sup>[C]</sup> Density	1200	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics****Processing**

Injection Molding

**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 240-270 °C mould temperature 50-80 °C
Storage	dry, protected from light