

**Product Texts**

Base Polymer	Acrylonitrile/Butadiene/Styrene/Copolymer
Filler/Additive System	17 % glass fibres
Special Features	contains recycled material
Market Segment	Automotive,electrical and electronic,various
Application Area	consumer electronics,interior,various
Typical Applications	housings,audio equipment,various

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melt volume-flow rate, MVR	12	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	5600	MPa	ISO 527
<sup>[C]</sup> Stress at break	65	MPa	ISO 527
<sup>[C]</sup> Strain at break	1.6	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	15	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	4.5	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

**Thermal properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Vicat softening temperature, B	104	°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	-

[C]: CAMPUS

**Other properties**

	Value	Unit	Test Standard
<sup>[C]</sup> Density	1180	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics****Processing**

Injection Molding

**Features**

Copolymer

**Certifications**

Recycled Resin Content

**Applications**

Automotive, Electrical and Electronical

**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  
    max. moisture content <0,05 %

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

Storage

dry, protected from light