

Product Texts

Base Polymer	Acrylonitrile/Butadiene/Styrene/Copolymer
Delivery form	pellets
Filler/Additive System	30 % glass fibres / glass beads
Colour	black
Special Features	impact modified,high stiffness,processing stabilised
Market Segment	various
Application Area	various
Typical Applications	various

Processing/Physical Characteristics**ISO Data**

	Value	Unit	Test Standard
^[C] Melt volume-flow rate, MVR	11	cm ³ /10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-

[C]: CAMPUS

Mechanical properties**ISO Data**

	Value	Unit	Test Standard
^[C] Tensile Modulus	3300	MPa	ISO 527
^[C] Stress at break	39	MPa	ISO 527
^[C] Strain at break	1.7	%	ISO 527
^[C] Charpy impact strength, +23°C	13	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	4.5	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties**ISO Data**

	Value	Unit	Test Standard
^[C] Temp. of deflection under load, 1.80 MPa	85	°C	ISO 75-1/-2
^[C] Vicat softening temperature, B	93	°C	ISO 306

[C]: CAMPUS

Other properties

	Value	Unit	Test Standard
^[C] Density	1260	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Features

Copolymer

Special Characteristics

Heat stabilized or stable to heat

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