

**Product Texts**

Base Polymer	Acrylonitrile/Butadiene/Styrene/Copolymer
Filler/Additive System	hygienic material
Colour	white, similar to RAL 9003
Special Features	antibacterial acc. to ISO 22196:2011, permanent antibacterial, anti-microbial, contain no nanosilver
Market Segment	packaging, Personal care, household goods, building and construction
Application Area	injection moulded parts
Typical Applications	sanitary articles, domestic appliances, hygiene products, functional components, handles, fittings, housings

**Processing/Physical Characteristics****ISO Data**

	Value	Unit	Test Standard
<sup>[C]</sup> Melt volume-flow rate, MVR	7.5	cm <sup>3</sup> /10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-

[C]: CAMPUS

**Mechanical properties****ISO Data**

	Value	Unit	Test Standard
<sup>[C]</sup> Tensile Modulus	2700	MPa	ISO 527
<sup>[C]</sup> Yield stress	50	MPa	ISO 527
<sup>[C]</sup> Yield strain	2.6	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	90	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	9	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

**Thermal properties****ISO Data**

	Value	Unit	Test Standard
<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	91	°C	ISO 75-1/-2
<sup>[C]</sup> Vicat softening temperature, B	107	°C	ISO 306

[C]: CAMPUS

**Other properties**

	Value	Unit	Test Standard
<sup>[C]</sup> Density	1100	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics****Processing**

Injection Molding

**Delivery form**

White

**Features**

Copolymer

**Applications**

Building Construction, Packaging

**Regional Availability**

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

**Other text information****Injection molding**

Pre-Drying Conditions      80 °C in a dry air (desiccant) dryer  
for 2-4 h  
80 °C in an air circulating dryer  
for 3-6 h  
max. moisture content <0,20 %

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

Storage

dry, protected from light  
tightly sealed