

**Product Texts**

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

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melt volume-flow rate, MVR	17	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	2400	MPa	ISO 527
<sup>[C]</sup> Yield stress	43	MPa	ISO 527
<sup>[C]</sup> Yield strain	2.3	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	80	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	15	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	80	°C	ISO 75-1/-2
<sup>[C]</sup> Vicat softening temperature, B	100	°C	ISO 306

[C]: CAMPUS

**Other properties**

	Value	Unit	Test Standard
<sup>[C]</sup> Density	1070	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics****Processing**

Injection Molding

**Features**

Copolymer

**Delivery form**

White

**Applications**

Building Construction, Packaging, Sports Equipment

**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 <0,10 %
Processing Injection Moulding	melt temperature 220-260 °C mould temperature 50-80 °C
Storage	dry, protected from light tightly sealed