

Product Texts

Base Polymer	Acrylonitrile/Butadiene/Styrene/Copolymer
Filler/Additive System	hygienic material,light stabiliser
Colour	natural color
Special Features	antibacterial acc. to ISO 22196:2011,permanent antibacterial,anti-microbial,contain no nanosilver,UV stabilised
Market Segment	packaging,Personal care,household goods,Furniture,building and construction,sport and leisure
Application Area	sanitary articles,hygiene products,domestic appliances,functional components,clothing / fasteners,housings,handles,fittings

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	21	cm ³ /10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-

[C]: CAMPUS

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	2200	MPa	ISO 527
^[C] Yield stress	42	MPa	ISO 527
^[C] Yield strain	2.4	%	ISO 527
^[C] Charpy impact strength, +23°C	75	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	15	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties

	Value	Unit	Test Standard
ISO Data			
^[C] Temp. of deflection under load, 1.80 MPa	82	°C	ISO 75-1/-2
^[C] Vicat softening temperature, B	98	°C	ISO 306

[C]: CAMPUS

Other properties

	Value	Unit	Test Standard
^[C] Density	1030	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Features

Copolymer

Delivery form

Natural Color

Applications

Building Construction, Packaging, Sports Equipment

Additives

Plasticizer

Regional Availability

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

Special Characteristics

Anti-static, Light stabilized or stable to light, U.V. stabilized or stable to weather

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
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