ALTECH ABS A 1000/568.03

ABS — MOCOM Compounds GmbH & Co. KG

Product Texts

Base Polymer	Acrylonitrile/Butadiene/Styrene/Copolymer
Special Features	slip agent
Market Segment	various,building and construction
Application Area	various,interior decoration / finishing
Typical Applications	various,bezels

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
[C] Melt volume-flow rate, MVR	**9**	cm³/10min	ISO 1133
Temperature	**220**	°C	-
Load	**10**	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**2000**	MPa	ISO 527
[C] Yield stress	**40**	MPa	ISO 527
[C] Yield strain	**2.7**	%	ISO 527
[C] Charpy impact strength, +23°C	**N**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**15**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
[C] Temp. of deflection under load, 1.80 MPa	**85**	°C	ISO 75-1/-2
[C] Vicat softening temperature, B	**100**	°C	ISO 306

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
[C] Density	**1050**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Regional Availability

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

Features

Copolymer

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
Processing Injection Moulding	melt temperature 220-260 °C mould temperature 50-80 °C
Storage	dry, protected from light

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