ALTECH ABS A 1000/907

ABS — MOCOM Compounds GmbH & Co. KG

Product Texts	
Base Polymer	Acrylonitrile/Butadiene/Styrene/Copolymer
Special Features	high surface quality,injection moulding grade,easy flow
Application Area	gardening tools
Typical Applications	housings

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
[C] Melt volume-flow rate, MVR	**30**	cm³/10min	ISO 1133
Temperature	**220**	°C	-
Load	**10**	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**2300**	MPa	ISO 527
[C] Yield stress	**43**	MPa	ISO 527
[C] Yield strain	**2.2**	%	ISO 527
[C] Charpy impact strength, +23°C	**85**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**17**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
[C] Temp. of deflection under load, 1.80 MPa	**79**	°C	ISO 75-1/-2
[C] Vicat softening temperature, B	**95**	°C	ISO 306
[C] Burning Behav. at 1.5 mm nom. thickn.	**HB**	class	IEC 60695-11-10
Thickness tested	**1.5**	mm	-
Yellow Card available	**yes**	-	-
[C] Burning Behav. at thickness h	**HB**	class	IEC 60695-11-10
Thickness tested	**0.8**	mm	-
Yellow Card available	**yes**	-	-

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
[C] Density	**1060**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing
Injection Molding

Features
Copolymer

Additives
Antiblocking agent

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

not above 30°C