ALCOM HM PP 1000 AG 14079

PP — MOCOM Compounds GmbH & Co. KG

Product Texts	
Base Polymer	Polypropylene Homopolymer
Filler/Additive System	hygienic material
Colour	natural color
Special Features	antibacterial acc. to ISO 22196:2011,permanent antibacterial,anti-microbial,contain no nanosilver,heat stabilised
Market Segment	packaging,Personal care,household goods,Furniture,building and construction
Application Area	injection moulded parts
Typical Applications	sanitary articles,hygiene products,kitchen ware,functional components,housings,handles,containers,caps / closures

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
[C] Melt volume-flow rate, MVR	**18**	cm³/10min	ISO 1133
Temperature	**230**	°C	-
Load	**2.16**	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**1250**	MPa	ISO 527
[C] Charpy impact strength, +23°C	**75**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**3.6**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
[C] Vicat softening temperature, B	**90**	°C	ISO 306

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
[C] Density	**904**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing
Injection Molding

Features
Homopolymer

Delivery form
Natural Color

Applications
Building Construction, Packaging

Special Characteristics
Heat stabilized or stable to heat

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

Other text information

Injection molding	
Pre-Drying Conditions	in a dry air (dessiccant) dryer 80-100 °C for 2-3 h in an air circulating dryer 80-100 °C for 2-4 h max. moisture content <0,10 %
Processing Injection Moulding	melt temperature 200-270 °C mould temperature 20-70 °C
Storage	dry, protected from light

	tightly sealed