ALTECH PP-H FC 1000/578

PP — MOCOM Compounds GmbH & Co. KG

Product Texts	
Base Polymer	Polypropylene Homopolymer
Market Segment	Medical / Personal Care
Application Area	medical devices
Typical Applications	various

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
[C] Melt volume-flow rate, MVR	**30**	cm³/10min	ISO 1133
Temperature	**230**	°C	-
Load	**2.16**	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**1600**	MPa	ISO 527
[C] Yield stress	**35**	MPa	ISO 527
[C] Yield strain	**8.7**	%	ISO 527
[C] Charpy impact strength, +23°C	**90**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**4**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
[C] Temp. of deflection under load, 1.80 MPa	**62**	°C	ISO 75-1/-2
[C] Vicat softening temperature, B	**91**	°C	ISO 306

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
[C] Density	**920**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing
Injection Molding

Certifications
Food contact

Features
Homopolymer

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

Other text information

Injection molding

Processing Injection Moulding	melt temperature 200-270 °C mould temperature 20-90 °C
Storage	dry, protected from light not above 30°C

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