ALTECH PP-H A 1000/249 FR

PP FR — MOCOM Compounds GmbH & Co. KG

Product Texts	
Base Polymer	Polypropylene Homopolymer
Filler/Additive System	flame retardant
Special Features	metal deactivator (stabiliser),easy flow
Typical Applications	various

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
[C] Melt volume-flow rate, MVR	**27**	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	**75**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**2.5**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
[C] Temp. of deflection under load, 1.80 MPa	**59**	°C	ISO 75-1/-2
[C] Vicat softening temperature, B	**94**	°C	ISO 306
[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	**910**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing
Injection Molding

Additives
Metal deactivator

Special Characteristics
Flame retardant

Features
Homopolymer

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

Other text information

Injection molding

Pre-Drying Conditions	in an air circulating dryer 80-120 °C for 2-4 h in a dry air (dessiccant) dryer 80-120 °C for 2-3 h dependant on moisture content
Processing Injection Moulding	melt temperature 200-270 °C mould temperature 20-90 °C

Storage	dry, protected from light not above 30°C