ALTECH PC A 1000/269 UV

PC — MOCOM Compounds GmbH & Co. KG

Product Texts	
Base Polymer	Polycarbonate
Special Features	easy release (demoulding),good flow,processing stabilised,UV stabilised,injection moulding grade
Market Segment	Automotive,Machinery,building and construction
Application Area	electrical components
Typical Applications	housings,operating elements

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
[C] Melt volume-flow rate, MVR	**20**	cm³/10min	ISO 1133
Temperature	**300**	°C	-
Load	**1.2**	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**2400**	MPa	ISO 527
[C] Yield stress	**65**	MPa	ISO 527
[C] Yield strain	**6**	%	ISO 527
[C] Charpy impact strength, +23°C	**N**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**11**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
[C] Vicat softening temperature, B	**143**	°C	ISO 306

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
[C] Density	**1190**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing
Injection Molding

Applications
Automotive, Building Construction, Electrical and Electronical

Special Characteristics
U.V. stabilized or stable to weather, Heat stabilized or stable to heat, Transparent

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

Other text information

Injection molding

Pre-Drying Conditions	in a dry air (dessiccant) dryer 100-120 °C for 2-3 h in an air circulating dryer 100-120 °C for 4-12 h max. moisture content <0,02 %
Processing Injection Moulding	melt temperature 270-310 °C mould temperature 80-110 °C
Storage	dry, protected from light not above 30°C