ALTECH PC A 1000/502 UV

PC — MOCOM Compounds GmbH & Co. KG

Product Texts	
Base Polymer	Polycarbonate
Special Features	easy flow,UV stabilised,laser etchable (dark etching)
Market Segment	various
Application Area	various
Typical Applications	various

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
[C] Melt volume-flow rate, MVR	**33**	cm³/10min	ISO 1133
Temperature	**300**	°C	-
Load	**1.2**	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**2350**	MPa	ISO 527
[C] Yield stress	**62**	MPa	ISO 527
[C] Yield strain	**5.7**	%	ISO 527
[C] Charpy impact strength, +23°C	**N**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**10**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
[C] Vicat softening temperature, B	**142**	°C	ISO 306
[C] Burning Behav. at 1.5 mm nom. thickn.	**V-2**	class	IEC 60695-11-10
Thickness tested	**1.5**	mm	-

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
[C] Density	**1230**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Regional Availability

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

Special Characteristics

U.V. stabilized or stable to weather

Other text information

Injection molding

Pre-Drying Conditions	120 °C in a dry air (dessiccant) dryer for 2-3 h in an air circulating dryer 100-120 °C for 4-12 h dependant on moisture content max. moisture content <0,02 %
Processing Injection Moulding	melt temperature 280-310 °C mould temperature 80-100 °C
Storage	dry, protected from light