ALTECH PC-HT A 1000/500

PC — MOCOM Compounds GmbH & Co. KG

Product Texts	
Base Polymer	High Heat Polycarbonate
Special Features	high heat stabilised
Market Segment	Automotive,Lighting
Typical Applications	housings,light switches

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
[C] Melt volume-flow rate, MVR	**17**	cm³/10min	ISO 1133
Temperature	**330**	°C	-
Load	**2.16**	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**2500**	MPa	ISO 527
[C] Yield stress	**70**	MPa	ISO 527
[C] Yield strain	**7**	%	ISO 527
[C] Charpy impact strength, +23°C	**N**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**11.5**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
[C] Temp. of deflection under load, 1.80 MPa	**148**	°C	ISO 75-1/-2
[C] Vicat softening temperature, B	**166**	°C	ISO 306

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
[C] Density	**1170**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Regional Availability

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

Other text information

Injection molding

Pre-Drying Conditions	120 °C in a dry air (dessiccant) dryer for 2-3 h 130 °C in an air circulating dryer for 4-12 h dependant on moisture content max. moisture content <0,02 %
Processing Injection Moulding	melt temperature 320-340 °C mould temperature 100-130 °C
Storage	dry, protected from light