

ALTECH® PC A 1000/500

Polycarbonate
ALBIS PLASTIC GmbH

Message:

ALTECH® PC A 1000/500 is a Polycarbonate (PC) product. It is available in Asia Pacific, Europe, or North America.
Characteristics include:
REACH Compliant
RoHS Compliant
Good Mold Release
Heat Stabilizer
High Flow

General Information			
Additive	Heat Stabilizer		
Features	Good Mold Release		
	Heat Stabilized		
	High Flow		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (300°C/1.2 kg)	25.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2500	MPa	ISO 527-2
Tensile Stress (Yield)	65.0	MPa	ISO 527-2
Tensile Strain (Yield)	6.0	%	ISO 527-2
Flexural Modulus	2650	MPa	ISO 178
Flexural Stress	105	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	12	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	125	°C	ISO 75-2/A
Vicat Softening Temperature	140	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature - Circulation Dryer	100 to 120	°C	
Drying Time - Circulation Dryer	2.0 to 12	hr	
Suggested Max Moisture	0.020	%	
Processing (Melt) Temp	270 to 310	°C	
Mold Temperature	80.0 to 110	°C	

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Recommended distributors for this material

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