

ALTECH® PC A 1000/121 UV IM

Polycarbonate
ALBIS PLASTIC GmbH

Message:

ALTECH® PC A 1000/121 UV IM is a Polycarbonate (PC) product. It is available in Asia Pacific, Europe, or North America.
Characteristics include:
REACH Compliant
RoHS Compliant
Impact Modified
UV Stabilized

General Information			
Additive	Impact Modifier		
	UV Stabilizer		
Features	Impact Modified		
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)	30.0	cm ³ /10min	ISO 1133
Molding Shrinkage	0.40 to 0.70	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2300	MPa	ISO 527-2
Tensile Stress	60.0	MPa	ISO 527-2
Tensile Strain (Break)	60	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	50	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)	130	°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	4.0 to 12	hr	
Suggested Max Moisture	0.020	%	
Processing (Melt) Temp	280 to 300	°C	
Mold Temperature	80.0 to 100	°C	

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