

ALTECH® PC C 1000/578

Polycarbonate
ALBIS PLASTIC GmbH

Message:

ALTECH® PC C 1000/578 is a Polycarbonate (PC) product. It is available in Asia Pacific, Europe, or North America. Applications of ALTECH® PC C 1000/578 include medical/healthcare, appliances, consumer goods and electrical/electronic applications.

Characteristics include:

REACH Compliant

RoHS Compliant

High Flow

General Information			
Features	High Flow		
Uses	Appliances		
	Electrical/Electronic Applications		
	Medical/Healthcare Applications		
	Personal Care		
	Toys		
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)	6.50	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2500	MPa	ISO 527-2
Tensile Stress (Yield)	66.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	6.2	%	
Break	95	%	
Flexural Modulus	2400	MPa	ISO 178
Flexural Stress	100	MPa	ISO 178
Flexural Strain at Flexural Strength	6.9	%	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	15	kJ/m ²	
-30°C	12	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
--	No Break		
-30°C	No Break		
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature (1.8 MPa, Unannealed)	130	°C	ISO 75-2/A
Vicat Softening Temperature	143	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature	100 to 120	°C	
Drying Time	4.0 to 12	hr	
Processing (Melt) Temp	280 to 300	°C	
Mold Temperature	60.0 to 100	°C	

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