

ALTECH® PC C 1000/521 IM UV

Polycarbonate
ALBIS PLASTIC GmbH

Message:

ALTECH® PC C 1000/521 IM UV is a Polycarbonate (PC) product. It is available in Asia Pacific, Europe, or North America. Typical application: Outdoor Applications.
Characteristics include:
REACH Compliant
RoHS Compliant
Good Mold Release
Impact Modified
UV Stabilized

General Information			
Additive	Impact Modifier		
	UV Stabilizer		
Features	Good Mold Release		
	Impact Modified		
Uses	Outdoor Applications		
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 Mass-Flow Rate (MFR) (300°C/1.2 kg)	10	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (300°C/1.2 kg)	10.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2700	MPa	ISO 527-2
Tensile Stress	62.0	MPa	ISO 527-2
Flexural Modulus	2400	MPa	ISO 178
Flexural Stress	92.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	72	kJ/m ²	ISO 179/1eA
Notched Izod Impact Strength (23°C)	55	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	121	°C	ISO 75-2/A
Vicat Softening Temperature	141	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Glow Wire Flammability Index (2.00 mm)	850	°C	IEC 60695-2-12
Injection	Nominal Value	Unit	

Drying Temperature	120 to 140	°C
Drying Time	2.0 to 4.0	hr
Processing (Melt) Temp	280 to 300	°C
Mold Temperature	60.0 to 100	°C

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Recommended distributors for this material

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