

ALTECH® PC C 1000/686

Polycarbonate
ALBIS PLASTIC GmbH

Message:

ALTECH® PC C 1000/686 is a Polycarbonate (PC) product. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America.

Characteristics include:

- Flame Rated
- Eco-Friendly/Green
- REACH Compliant
- RoHS Compliant
- Mold Release Agent

General Information			
Additive	Mold Release		
	Slip		
Recycled Content	Yes		
Features	Good Flow		
	Slip		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (300°C/1.2 kg)	18.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2350	MPa	ISO 527-2
Tensile Stress	65.0	MPa	ISO 527-2
Tensile Strain (Break)	60	%	ISO 527-2
Flexural Modulus	2400	MPa	ISO 178
Flexural Stress	100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	13	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)	124	°C	ISO 75-2/A
Vicat Softening Temperature	142	°C	ISO 306/B50
Flammability	Nominal Value		Test Method
Flame Rating			UL 94

1.50 mm	HB	
0.750 mm	V-2	
Injection	Nominal Value	Unit
Drying Temperature		
Circulation Dryer	100 to 120	°C
Desiccant Dryer	100 to 120	°C
Drying Time		
Circulation Dryer	4.0 to 12	hr
Desiccant Dryer	2.0 to 3.0	hr
Processing (Melt) Temp	280 to 320	°C
Mold Temperature	80.0 to 100	°C

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Recommended distributors for this material

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