

ALTECH® PC C 1000/547 FR

Polycarbonate
ALBIS PLASTIC GmbH

Message:

ALTECH® PC C 1000/547 FR is a Polycarbonate (PC) product. It is available in Asia Pacific, Europe, or North America.
Characteristics include:
Flame Rated
REACH Compliant
RoHS Compliant
Flame Retardant
Good Mold Release

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Mold Release		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (300°C/1.2 kg)	11.0	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2300	MPa	ISO 527-2
Tensile Stress	62.0	MPa	ISO 527-2
Flexural Modulus	2300	MPa	ISO 178
Flexural Stress	95.0	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	124	°C	ISO 75-2/A
Vicat Softening Temperature	141	°C	ISO 306/B50
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.50 mm	HB		
3.00 mm	V-1		
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	270 to 310	°C
Mold Temperature	80.0 to 110	°C

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Recommended distributors for this material

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