

ALTECH® PC C 2020/140

Polycarbonate
ALBIS PLASTIC GmbH

Message:

ALTECH® PC C 2020/140 is a Polycarbonate (PC) product filled with 20% glass fiber. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America.

Characteristics include:

- Flame Rated
- REACH Compliant
- RoHS Compliant
- Flame Retardant
- Good Mold Release

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Additive	Flame Retardant		
	Impact Modifier		
Features	Flame Retardant		
	Good Mold Release		
	Impact Modified		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.35	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (300°C/1.2 kg)	8.00	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6800	MPa	ISO 527-2
Tensile Stress	70.0	MPa	ISO 527-2
Flexural Modulus	5400	MPa	ISO 178
Flexural Stress	160	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	30	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	135	°C	ISO 75-2/A
Vicat Softening Temperature	145	°C	ISO 306/B50
Flammability	Nominal Value	Test Method	
Flame Rating (1.50 mm)	HB	UL 94	
Injection	Nominal Value	Unit	

Drying Temperature - Desiccant Dryer	120	°C
Drying Time - Desiccant Dryer	2.0 to 6.0	hr
Processing (Melt) Temp	280 to 300	°C
Mold Temperature	80.0 to 120	°C

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Recommended distributors for this material

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