ALTECH® PC B 2010/100

Polycarbonate

ALBIS PLASTIC GmbH

Message:

ALTECH®PC B 2010/100 is a polycarbonate (PC) product that contains 10% glass fiber reinforced materials. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. Typical application areas are: architectural applications.
Features include:
Comply with REACH standard
ROHS certification

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 10% filler by weight		
Uses	Building materials Architectural application field		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.26	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (300°C/1.2 kg)	10.0	cm³/10min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	4000	MPa	ISO 527-2
Tensile Stress (Break)	75.0	MPa	ISO 527-2
Tensile Strain (Break)	4.0	%	ISO 527-2
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength	8.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	50	kJ/m²	ISO 179/1eU
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	141	°C	ISO 75-2/A
Vicat Softening Temperature	145	°C	ISO 306/B50
Injection	**Nominal Value**	**Unit**	
Drying Temperature - Desiccant Dryer	100 - 120	°C	
Drying Time - Desiccant Dryer	2.0 - 3.0	hr	
Suggested Max Moisture	0.020	%	
Processing (Melt) Temp	310 - 330	°C	
Mold Temperature	80 - 130	°C	

Recommended distributors for this material

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