

ALTECH® PC C 2015/509 GF15

Polycarbonate
ALBIS PLASTIC GmbH

Message:

ALTECH® PC C 2015/509 GF15 is a Polycarbonate (PC) product filled with 15% glass fiber. It is available in Asia Pacific, Europe, or North America. Applications of ALTECH® PC C 2015/509 GF15 include appliances, construction applications and electrical/electronic applications. Characteristics include:

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

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Features	Good Mold Release		
Uses	Appliances		
	Construction Applications		
	Electrical/Electronic Applications		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.30	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (300°C/1.2 kg)	4.50	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5400	MPa	ISO 527-2
Tensile Stress (Break)	90.0	MPa	ISO 527-2
Tensile Strain (Break)	3.5	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	9.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	40	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	141	°C	ISO 306/B50
Flammability	Nominal Value		Test Method
Flame Rating (3.00 mm)	V-1		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	100 to 120	°C	
Drying Time	4.0 to 12	hr	
Processing (Melt) Temp	280 to 300	°C	
Mold Temperature	80.0 to 100	°C	

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Recommended distributors for this material

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