

# ALTECH® PC C 1000/149 FR

Polycarbonate

ALBIS PLASTIC GmbH

## Message:

ALTECH® PC C 1000/149 FR is a Polycarbonate (PC) product. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Applications of ALTECH® PC C 1000/149 FR include electrical/electronic applications and household applications.

Characteristics include:

Flame Rated

REACH Compliant

RoHS Compliant

Flame Retardant

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Medium Flow		
Uses	Electrical/Electronic Applications		
	Household Goods		
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 <sup>3</sup>	ISO 1183
Melt Volume-Flow Rate (MVR) (300°C/1.2 kg)	11.0	cm <sup>3</sup> /10min	ISO 1133
Relative Viscosity	1.29		AMN 500301
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	10	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	141	°C	ISO 306/B50
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	> 1.0E+13	ohms · cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.50 mm)	V-2		UL 94
Glow Wire Flammability Index (4.00 mm)	960	°C	VDE 0471/1.2
Injection	Nominal Value	Unit	
Processing (Melt) Temp	290	°C	
Mold Temperature	80.0	°C	

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### Recommended distributors for this material

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