

ALTECH® PC ECO 1000/686

Polycarbonate
ALBIS PLASTIC GmbH

Message:

ALTECH®PC ECO 1000/686 is a polycarbonate (PC) product. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region.
Features include:
flame retardant/rated flame
Comply with REACH standard
environmental protection/green
ROHS certification
slide

General Information			
Additive	Processing stabilizer		
	slip agent		
Recycled Content	Yes		
Features	smoothness		
	Good liquidity		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (300°C/1.2 kg)	18.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2350	MPa	ISO 527-2
Tensile Stress	65.0	MPa	ISO 527-2
Tensile Strain (Break)	60	%	ISO 527-2
Flexural Modulus	2400	MPa	ISO 178
Flexural Stress	100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	13	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	124	°C	ISO 75-2/A
Vicat Softening Temperature	142	°C	ISO 306/B50
Flammability	Nominal Value		Test Method
Flame Rating			UL 94

1.5 mm	HB	UL 94
0.75 mm	V-2	UL 94
Injection	Nominal Value	Unit
Drying Temperature		
Dehumidification desiccant	100 - 120	°C
Hot air dryer	100 - 120	°C
Drying Time		
Dehumidification desiccant	4.0 - 12	hr
Hot air dryer	2.0 - 3.0	hr
Processing (Melt) Temp	280 - 320	°C
Mold Temperature	80 - 100	°C

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

