

ALTECH® PC + ABS ECO 1000/106

Polycarbonate + ABS

ALBIS PLASTIC GmbH

Message:

ALTECH®PC ABS ECO 1000/106 is a polycarbonate acrylonitrile butadiene styrene (PC ABS) product. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. ALTECH®The application fields of PC ABS ECO 1000/106 include electrical/electronic applications, housing, engineering/industrial accessories and furniture.

Features include:

flame retardant/rated flame

Comply with REACH standard

environmental protection/green

ROHS certification

Stable

General Information			
Additive	Processing stabilizer		
Recycled Content	Yes		
Uses	Electrical/Electronic Applications		
	Furniture		
	Accessories		
	Shell		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (240°C/5.0 kg)	13.0	cm³/10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	130	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2300	MPa	ISO 527-2
Tensile Stress	55.0	MPa	ISO 527-2
Tensile Strain (Break)	30	%	ISO 527-2
Flexural Modulus	2300	MPa	ISO 178
Flexural Stress	85.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	50	kJ/m²	ISO 179/1eA
-40°C	10	kJ/m²	ISO 179/1eA
-20°C	15	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU

--	No Break		ISO 179/1eU
-40°C	No Break		ISO 179/1eU
-20°C	No Break		ISO 179/1eU
Notched Izod Impact (23°C)	50	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	102	°C	ISO 75-2/A
Vicat Softening Temperature	120	°C	ISO 306/B50
Flammability	Nominal Value		Test Method
Flame Rating (1.5 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature			
Dehumidification desiccant	100 - 110	°C	
Hot air dryer	100 - 110	°C	
Drying Time			
Dehumidification desiccant	4.0 - 8.0	hr	
Hot air dryer	2.0 - 4.0	hr	
Processing (Melt) Temp	240 - 280	°C	
Mold Temperature	70 - 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

