ALCOM® LB PC 1000 14073 WT1164-14

Polycarbonate

ALBIS PLASTIC GmbH

Message:

ALCOM®LB PC 1000 14073 WT1164-14 is a polycarbonate (PC) product containing filler. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. ALCOM®The application fields of LB PC 1000 14073 WT1164-14 include reflector, automobile industry and lighting equipment.
Features include:
Comply with REACH standard
ROHS certification
high liquidity
beautiful

General Information			
Filler / Reinforcement	Filler		
Features	High reflectivity High liquidity Good appearance		
Uses	Lighting Applications Reflector Application in Automobile Field		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.25	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (300°C/1.2 kg)	35.0	cm³/10min	ISO 1133
Molding Shrinkage (24 hr)	0.30	%	ISO 294-4
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	2400	MPa	ISO 527-2
Tensile Stress	65.0	MPa	ISO 527-2
Tensile Strain (Break)	20	%	ISO 527-2
Flexural Modulus	2600	MPa	ISO 178
Flexural Stress			ISO 178
3.5% strain	76.0	MPa	ISO 178
--	100	MPa	ISO 178
Flexural Deflection at Max Force	7.0	%	ISO 178
Tristimulus Value			
Y10 of Reflection	95	%	DIN 5033
Y10 of Transmission : 500.0 µm	3.0	%	ISO 13468

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	10	kJ/m²	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	137	°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	280 - 320	°C	
Mold Temperature	80 - 110	°C	

Recommended distributors for this material

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WECHAT