

ALCOM® PBT 700/2 WT31-956LB

Polybutylene Terephthalate

ALBIS PLASTIC GmbH

Message:

ALCOM® PBT 700/2 WT31-956LB is a Polybutylene Terephthalate (PBT) product filled with filler. It is available in Asia Pacific, Europe, or North America. Applications of ALCOM® PBT 700/2 WT31-956LB include automotive and lighting applications. Characteristics include:
REACH Compliant
RoHS Compliant
High Stiffness

General Information			
Filler / Reinforcement	Filler		
Features	High Reflectivity		
	High Stiffness		
Uses	Automotive Applications		
	Lighting Applications		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Appearance	Opaque		
Physical	Nominal Value	Unit	Test Method
Density	1.44	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3200	MPa	ISO 527-2
Tensile Strain (Break)	11	%	ISO 527-2
Flexural Modulus	2700	MPa	ISO 178
Flexural Stress	90.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	5.0	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)	60.0	°C	ISO 75-2/A
Vicat Softening Temperature	180	°C	ISO 306/B50
Additional Information	Nominal Value	Unit	Test Method
Tristimulus Value			
Y10 of Reflection	92	%	DIN 5033
Y10 of Transmittance : 500.0 µm	0.60	%	ISO 13468
Injection	Nominal Value	Unit	
Drying Temperature			

Circulation Dryer	100 to 120	°C
Desiccant Dryer	100 to 120	°C
Drying Time		
Circulation Dryer	4.0 to 8.0	hr
Desiccant Dryer	2.0 to 4.0	hr
Suggested Max Moisture	0.020	%
Processing (Melt) Temp	250 to 270	°C
Mold Temperature	80.0 to 120	°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

