

ALTECH® PBT A 1000/100

Polybutylene Terephthalate

ALBIS PLASTIC GmbH

Message:

ALTECH® PBT A 1000/100 is a Polybutylene Terephthalate (PBT) product. It is available in Asia Pacific, Europe, or North America.

Characteristics include:

REACH Compliant

RoHS Compliant

Heat Stabilizer

General Information			
Additive	Heat Stabilizer		
Features	Good Flow		
	Heat Stabilized		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.32	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (250°C/2.16 kg)	25.0	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2670	MPa	ISO 527-2
Tensile Stress	60.0	MPa	ISO 527-2
Tensile Strain (Break)	15	%	ISO 527-2
Flexural Modulus	2650	MPa	ISO 178
Flexural Stress	85.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	4.0	kJ/m²	
-40°C	3.0	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179/1eU
--	No Break		
-40°C	700	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	65.0	°C	ISO 75-2/A
Vicat Softening Temperature	190	°C	ISO 306/B50
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
Processing (Melt) Temp	250 to 270	°C
Mold Temperature	60.0 to 100	°C

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Recommended distributors for this material

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