

ALTECH® PS-HI B 1000/100

High Impact Polystyrene

ALBIS PLASTIC GmbH

Message:

ALTECH® PS-HI B 1000/100 is a High Impact Polystyrene product. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America.

Characteristics include:

REACH Compliant

RoHS Compliant

General Information			
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	9.0	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (200°C/5.0 kg)	10.0	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1800	MPa	ISO 527-2
Tensile Stress	22.0	MPa	ISO 527-2
Tensile Strain (Break)	50	%	ISO 527-2
Flexural Modulus	1900	MPa	ISO 178
Flexural Stress	39.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	8.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	75	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	90.0	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Glow Wire Flammability Index (2.00 mm)	650	°C	IEC 60695-2-12
Injection	Nominal Value	Unit	
Drying Temperature			
Circulation Dryer	60.0 to 80.0	°C	
Desiccant Dryer	60.0 to 80.0	°C	
Drying Time			
Circulation Dryer	2.0 to 3.0	hr	
Desiccant Dryer	2.0 to 3.0	hr	
Processing (Melt) Temp	180 to 260	°C	
Mold Temperature	10.0 to 70.0	°C	

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Recommended distributors for this material

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