

ALTECH® PP-H A 3030/100 GB30

Polypropylene Homopolymer

ALBIS PLASTIC GmbH

Message:

ALTECH® PP-H A 3030/100 GB30 is a Polypropylene Homopolymer (PP Homopolymer) product filled with 30% glass bead. It is available in Asia Pacific, Europe, or North America. Typical application: Housings.

Characteristics include:

REACH Compliant

RoHS Compliant

Homopolymer

General Information			
Filler / Reinforcement	Glass Bead,30% Filler by Weight		
Features	Homopolymer		
Uses	Housings		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	2.50	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2000	MPa	ISO 527-2
Tensile Stress (Break)	19.0	MPa	ISO 527-2
Tensile Strain (Break)	80	%	ISO 527-2
Flexural Modulus	1900	MPa	ISO 178
Flexural Stress	35.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	25	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	65.0	°C	ISO 75-2/A
Vicat Softening Temperature	90.0	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature			
Circulation Dryer	80.0 to 120	°C	
Desiccant Dryer	80.0 to 120	°C	
Drying Time			
Circulation Dryer	2.0 to 4.0	hr	
Desiccant Dryer	2.0 to 3.0	hr	
Processing (Melt) Temp	200 to 270	°C	

Mold Temperature	20.0 to 90.0	°C
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