

ALTECH® PP-H A 3020/100 GB20

Polypropylene Homopolymer

ALBIS PLASTIC GmbH

Message:

ALTECH® PP-H A 3020/100 GB20 is a Polypropylene Homopolymer (PP Homopolymer) product filled with 20% glass bead. It is available in Asia Pacific, Europe, or North America.

Characteristics include:

REACH Compliant

RoHS Compliant

Homopolymer

General Information			
Filler / Reinforcement	Glass Bead,20% Filler by Weight		
Features	Homopolymer		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.03	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/21.6 kg)	3.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1850	MPa	ISO 527-2
Tensile Stress (Break)	22.0	MPa	ISO 527-2
Tensile Strain (Break)	78	%	ISO 527-2
Flexural Stress	38.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	3.7	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	38	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	68.0	°C	ISO 75-2/A
Vicat Softening Temperature	94.0	°C	ISO 306/B50
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+14	ohms	IEC 60093
Volume Resistivity	1.0E+16	ohms · cm	IEC 60093
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 120	°C	
Drying Time	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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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



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