

ALTECH® PP-H FC 2020/100 GF20

Polypropylene Homopolymer

ALBIS PLASTIC GmbH

Message:

ALTECH® PP-H FC 2020/100 GF20 is a Polypropylene Homopolymer (PP Homopolymer) product filled with 20% glass fiber. It is available in Asia Pacific, Europe, or North America. Typical application: Furniture.

Characteristics include:

REACH Compliant

RoHS Compliant

Homopolymer

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	Homopolymer		
Uses	Furniture		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.03	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/21.6 kg)	2.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4100	MPa	ISO 527-2
Tensile Stress (Break)	45.0	MPa	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Flexural Stress	60.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	5.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	20	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	134	°C	ISO 75-2/A
Vicat Softening Temperature	105	°C	ISO 306/B50
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+18	ohms · cm	IEC 60093
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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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

