

ALTECH® PP-H A 2020/576 GF20 CP

Polypropylene Homopolymer

ALBIS PLASTIC GmbH

Message:

ALTECH® PP-H A 2020/576 GF20 CP is a Polypropylene Homopolymer (PP Homopolymer) product filled with 20% glass fiber. It is available in Asia Pacific, Europe, or North America. Typical application: Electrical/Electronic Applications.

Characteristics include:

REACH Compliant

RoHS Compliant

Chemically Coupled

Homopolymer

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	Chemically Coupled		
	Homopolymer		
Uses	Electrical/Electronic Applications		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	4.00	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4400	MPa	ISO 527-2
Tensile Stress	60.0	MPa	ISO 527-2
Tensile Strain (Break)	4.0	%	ISO 527-2
Flexural Modulus	3700	MPa	ISO 178
Flexural Stress	85.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	8.0	kJ/m²	
-40°C	4.0	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179/1eU
--	35	kJ/m²	
-40°C	27	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	130	°C	ISO 75-2/A
Vicat Softening Temperature	122	°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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

