

ALTECH® PP-H A 2020/159 GF20 CP

Polypropylene Homopolymer

ALBIS PLASTIC GmbH

Message:

ALTECH® PP-H A 2020/159 GF20 CP is a Polypropylene Homopolymer (PP Homopolymer) product filled with 20% glass fiber. It is available in Asia Pacific, Europe, or North America. Applications of ALTECH® PP-H A 2020/159 GF20 CP include automotive and housings.

Characteristics include:

- Flame Rated
- REACH Compliant
- RoHS Compliant
- Chemically Coupled
- Good Toughness

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	Chemically Coupled		
	High Stiffness		
	Homopolymer		
	Ultra High Toughness		
Uses	Automotive Applications		
	Housings		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	3.00	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4100	MPa	ISO 527-2
Tensile Stress (Break)	60.0	MPa	ISO 527-2
Tensile Strain (Break)	3.5	%	ISO 527-2
Flexural Stress	85.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	9.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	40	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	130	°C	ISO 75-2/A
Vicat Softening Temperature	126	°C	ISO 306/B50
Flammability	Nominal Value	Test Method	
Flame Rating (0.750 mm)	HB	UL 94	

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

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