ALTECH® PP-B B 2020/550 GF20

Polypropylene Copolymer

ALBIS PLASTIC GmbH

Message:

ALTECH® PP-B B 2020/550 GF20 is a Polypropylene Copolymer (PP Copolymer) product filled with 20% glass fiber. It is available in Asia Pacific, Europe, or North America.
Characteristics include:
REACH Compliant
RoHS Compliant
Chemically Coupled
Copolymer

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	Chemically Coupled Copolymer		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.00	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	8.00	cm³/10min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	4400	MPa	ISO 527-2
Tensile Stress	65.0	MPa	ISO 527-2
Tensile Strain (Break)	4.0	%	ISO 527-2
Flexural Modulus	3400	MPa	ISO 178
Flexural Stress	95.0	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength			ISO 179/1eA
--	15	kJ/m²	
-40°C	9.0	kJ/m²	
-20°C	10	kJ/m²	
Charpy Unnotched Impact Strength	50	kJ/m²	ISO 179/1eU
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	140	°C	ISO 75-2/A
Vicat Softening Temperature	115	°C	ISO 306/B50
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

Recommended distributors for this material

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