

# ALTECH® PP-B ECO 2030/500 GF30

Polypropylene Copolymer

ALBIS PLASTIC GmbH

## Message:

ALTECH®PP-B ECO 2030/500 GF30 is a polypropylene copolymer (PP Copoly) product, which contains a 30% glass fiber reinforced material. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region.

Features include:

Comply with REACH standard

ROHS certification

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.15	g/cm <sup>3</sup>	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	4.00	cm <sup>3</sup> /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4800	MPa	ISO 527-2
Tensile Stress	50.0	MPa	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Flexural Modulus	4250	MPa	ISO 178
Flexural Stress	65.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	6.0	kJ/m <sup>2</sup>	ISO 179/1eA
-40°C	3.0	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
--	17	kJ/m <sup>2</sup>	ISO 179/1eU
-40°C	12	kJ/m <sup>2</sup>	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	135	°C	ISO 75-2/A
Vicat Softening Temperature	95.0	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature			
Dehumidification desiccant	80 - 120	°C	
Hot air dryer	80 - 120	°C	
Drying Time			
Dehumidification desiccant	2.0 - 4.0	hr	

Hot air dryer	2.0 - 3.0	hr
Processing (Melt) Temp	200 - 270	°C
Mold Temperature	20 - 90	°C

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#### Recommended distributors for this material

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