

ALTECH® PP-B ECO 2030/550 GF30 CP

Polypropylene Copolymer

ALBIS PLASTIC GmbH

Message:

ALTECH®PP-B ECO 2030/550 GF30 CP 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. Typical application areas are: housing.

Features include:

Comply with REACH standard

ROHS certification

Chemical coupling

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Features	Chemical coupling		
Uses	Shell		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.15	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	5.00	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6000	MPa	ISO 527-2
Tensile Stress (Break)	60.0	MPa	ISO 527-2
Tensile Strain (Break)	5.0	%	ISO 527-2
Flexural Modulus	5000	MPa	ISO 178
Flexural Stress	85.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	10	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	45	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	148	°C	ISO 75-2/A
Vicat Softening Temperature	105	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature			
Dehumidification desiccant	80 - 90	°C	
Hot air dryer	80 - 90	°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

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

