

ALTECH® PP-B A 2050/150 GF40 CP

Polypropylene Copolymer

ALBIS PLASTIC GmbH

Message:

ALTECH®PP-B A 2050/150 GF40 CP is a polypropylene copolymer (PP Copoly) product, which contains a 40% glass fiber reinforced material. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. ALTECH®The application fields of PP-B A 2050/150 GF40 CP include construction applications, electrical/electronic applications and engineering/industrial accessories.

Features include:

Comply with REACH standard

ROHS certification

Copolymer

Chemical coupling

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 40% filler by weight		
Features	Copolymer		
	Chemical coupling		
Uses	Electrical/Electronic Applications		
	Machine/mechanical parts		
	Building materials		
	Architectural application field		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.21	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	7800	MPa	ISO 527-2
Tensile Stress	70.0	MPa	ISO 527-2
Tensile Strain (Break)	4.0	%	ISO 527-2
Flexural Stress	115	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	20	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	65	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	145	°C	ISO 75-2/A
Vicat Softening Temperature	115	°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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