

ALTECH® PP-H ECO 2030/552 GF30

Polypropylene Homopolymer

ALBIS PLASTIC GmbH

Message:

ALTECH®PP-H ECO 2030/552 GF30 is a polypropylene homopolymer (PP Homopoly) 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. ALTECH®PP-H ECO 2030/552 GF30 applications include the housing and automotive industries.

Features include:

- Comply with REACH standard
- environmental protection/green
- ROHS certification
- Chemical coupling
- Homopolymer

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Additive	UV stabilizer		
Recycled Content	Yes		
Features	Chemical coupling		
	Homopolymer		
Uses	Application in Automobile Field		
	Shell		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.12	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	5200	MPa	ISO 527-2
Tensile Stress (Break)	60.0	MPa	ISO 527-2
Tensile Strain (Break)	2.8	%	ISO 527-2
Flexural Stress	80.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	10	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	42	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	126	°C	ISO 75-2/A
Vicat Softening Temperature	118	°C	ISO 306/B120

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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