

ALTECH® PP-H A 2340/750 GF30 GK10 CP

Polypropylene Homopolymer

ALBIS PLASTIC GmbH

Message:

ALTECH®PP-H A 2340/750 GF30 GK10 CP is a polypropylene homopolymer (PP Homopoly) product, which contains 30% glass fiber reinforced materials and 10% glass beads. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region.

Features include:

flame retardant/rated flame

Comply with REACH standard

ROHS certification

Chemical coupling

anti-warping

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
	Glass beads, 10% filler by weight		
Additive	heat stabilizer		
Features	Low warpage		
	Chemical coupling		
	Good liquidity		
	Thermal Stability		
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)	6.00	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	7000	MPa	ISO 527-2
Tensile Stress	85.0	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	6400	MPa	ISO 178
Flexural Stress	125	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)	150	°C	ISO 75-2/A
Vicat Softening Temperature	140	°C	ISO 306/B50

Flammability	Nominal Value	Test Method
Flame Rating (1.5 mm)	HB	UL 94
Injection	Nominal Value	Unit
Drying Temperature		
Dehumidification desiccant	80 - 120	°C
Hot air dryer	80 - 120	°C
Drying Time		
Dehumidification desiccant	2.0 - 3.0	hr
Hot air dryer	2.0 - 4.0	hr
Processing (Melt) Temp	200 - 270	°C
Mold Temperature	20 - 90	°C

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

