

ALTECH® PP-H A 2035/500 GF35

Polypropylene Homopolymer

ALBIS PLASTIC GmbH

Message:

ALTECH® PP-H A 2035/500 GF35 is a Polypropylene Homopolymer (PP Homopolymer) product filled with 33% glass fiber. It can be processed by extrusion and is available in Asia Pacific, Europe, or North America.

Characteristics include:

REACH Compliant

RoHS Compliant

Heat Stabilizer

Homopolymer

Low Emissions

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Additive	Heat Stabilizer		
Features	Heat Stabilized		
	Homopolymer		
	Low Emissions		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.16	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/21.6 kg)	2.3	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	7100	MPa	ISO 527-2
Tensile Stress (Break)	60.0	MPa	ISO 527-2
Tensile Strain (Break)	1.5	%	ISO 527-2
Flexural Modulus	6000	MPa	ISO 178
Flexural Stress	80.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	6.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	15	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	140	°C	ISO 75-2/A
Vicat Softening Temperature	110	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature			
Circulation Dryer	80.0 to 120	°C	

Desiccant Dryer	80.0 to 120	°C
Drying Time		
Circulation Dryer	2.0 to 4.0	hr
Desiccant Dryer	2.0 to 3.0	hr
Processing (Melt) Temp	200 to 270	°C
Mold Temperature	20.0 to 90.0	°C

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Recommended distributors for this material

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