

ALTECH® PP-B A 4430/100 MR30

Polypropylene Copolymer

ALBIS PLASTIC GmbH

Message:

ALTECH® PP-B A 4430/100 MR30 is a Polypropylene Copolymer (PP Copolymer) product filled with 20% calcium carbonate and 10% talc. It is available in Asia Pacific, Europe, or North America. Applications of ALTECH® PP-B A 4430/100 MR30 include appliances and housings.

Characteristics include:

- Flame Rated
- REACH Compliant
- RoHS Compliant
- Copolymer
- Heat Stabilizer

General Information			
Filler / Reinforcement	Calcium Carbonate,20% Filler by Weight		
	Talc,10% Filler by Weight		
Additive	Heat Stabilizer		
Features	Copolymer		
	Heat Stabilized		
Uses	Appliances		
	Housings		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.15	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	16.0	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2400	MPa	ISO 527-2
Tensile Stress (Break)	20.0	MPa	ISO 527-2
Tensile Strain (Break)	30	%	ISO 527-2
Flexural Stress	35.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	55	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	115	°C	ISO 75-2/B
Vicat Softening Temperature	75.0	°C	ISO 306/B50
Flammability	Nominal Value	Test Method	

Flame Rating (1.50 mm)	HB	UL 94
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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