

ALTECH® PP-H B 4910/500 MR10

Polypropylene Homopolymer

ALBIS PLASTIC GmbH

Message:

ALTECH®PP-H B 4910/500 MR10 is a polypropylene homopolymer (PP Homopoly) product, which contains 10% talc filler. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. ALTECH®The application areas of PP-H B 4910/500 MR10 include medical/health care, packaging and home applications.

Features include:

Comply with REACH standard

ROHS certification

Homopolymer

Stable

General Information			
Filler / Reinforcement	Talc filler, 10% filler by weight		
Additive	Processing stabilizer		
Features	Homopolymer		
Uses	Packaging		
	Personal care		
	Household goods		
	Medical/nursing supplies		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.02	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1800	MPa	ISO 527-2
Tensile Stress	30.0	MPa	ISO 527-2
Tensile Strain (Break)	20	%	ISO 527-2
Flexural Modulus	1900	MPa	ISO 178
Flexural Stress	40.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	3.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	40	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	100	°C	ISO 306/B120
Injection	Nominal Value	Unit	
Drying Temperature			
Dehumidification desiccant	60 - 90	°C	

Hot air dryer	60 - 90	°C
Drying Time		
Dehumidification desiccant	2.0 - 4.0	hr
Hot air dryer	2.0 - 4.0	hr
Processing (Melt) Temp	200 - 270	°C
Mold Temperature	20 - 70	°C

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