

ALTECH® PP-H B 4920/500 MR20

Polypropylene Homopolymer

ALBIS PLASTIC GmbH

Message:

ALTECH®PP-H B 4920/500 MR20 is a polypropylene homopolymer (PP Homopoly) product, which contains 20% talc filler. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. ALTECH®The application fields of PP-H B 4920/500 MR20 include building applications, electrical/electronic applications, housing and sporting goods.

Features include:

Comply with REACH standard

ROHS certification

Homopolymer

anti-warping

General Information			
Filler / Reinforcement	Talc filler, 20% filler by weight		
Features	Low warpage		
	Homopolymer		
	Good liquidity		
Uses	Electrical/Electronic Applications		
	Building materials		
	Architectural application field		
	Sporting goods		
	Shell		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	30.0	MPa	ISO 527-2
Flexural Modulus	2000	MPa	ISO 178
Flexural Stress	48.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	3.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	30	kJ/m²	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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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

