

ALTECH® PP-B A 4920/500 MR20

Polypropylene Copolymer

ALBIS PLASTIC GmbH

Message:

ALTECH® PP-B A 4920/500 MR20 is a Polypropylene Copolymer (PP Copolymer) product filled with 20% talc. It is available in Asia Pacific, Europe, or North America. Applications of ALTECH® PP-B A 4920/500 MR20 include automotive, electrical/electronic applications and housings.

Characteristics include:

REACH Compliant

RoHS Compliant

Copolymer

Heat Stabilizer

High Flow

General Information			
Filler / Reinforcement	Talc,20% Filler by Weight		
Additive	Heat Stabilizer		
Features	Copolymer		
	Heat Stabilized		
	High Flow		
Uses	Automotive Applications		
	Automotive Interior Parts		
	Electrical/Electronic Applications		
	Housings		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.03	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	20.0	cm³/10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 132/30)	60.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2000	MPa	ISO 527-2
Tensile Stress (Break)	20.0	MPa	ISO 527-2
Tensile Strain (Break)	20	%	ISO 527-2
Flexural Modulus	2250	MPa	ISO 178
Flexural Stress	35.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	6.0	kJ/m²	
-40°C	4.0	kJ/m²	

Charpy Unnotched Impact Strength			ISO 179/1eU
--	100	kJ/m ²	
-40°C	30	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	72.0	°C	ISO 75-2/A
Vicat Softening Temperature	75.0	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature			
Circulation Dryer	60.0 to 90.0	°C	
Desiccant Dryer	60.0 to 90.0	°C	
Drying Time			
Circulation Dryer	2.0 to 4.0	hr	
Desiccant Dryer	2.0 to 4.0	hr	
Processing (Melt) Temp	200 to 270	°C	
Mold Temperature	20.0 to 70.0	°C	

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