

ALTECH® PP-B ECO 4920/570 MR 20

Polypropylene Copolymer

ALBIS PLASTIC GmbH

Message:

ALTECH®PP-B ECO 4920/570 MR 20 is a polypropylene copolymer (PP Copoly) 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.

Features include:

Comply with REACH standard

ROHS certification

General Information			
Filler / Reinforcement	Talc filler, 20% filler by weight		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	8.00	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2000	MPa	ISO 527-2
Tensile Stress (Break)	12.0	MPa	ISO 527-2
Tensile Strain (Break)	36	%	ISO 527-2
Flexural Modulus	1800	MPa	ISO 178
Flexural Stress	34.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	7.0	kJ/m²	ISO 179/1eA
-40°C	1.9	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	62.0	°C	ISO 75-2/A
Vicat Softening Temperature	71.0	°C	ISO 306/B50
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

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