

ALTECH® PP-H A 4940/100 MR40

Polypropylene Homopolymer

ALBIS PLASTIC GmbH

Message:

ALTECH® PP-H A 4940/100 MR40 is a Polypropylene Homopolymer (PP Homopolymer) product filled with 40% talc. It is available in Asia Pacific, Europe, or North America.

Characteristics include:

REACH Compliant

RoHS Compliant

Homopolymer

General Information			
Filler / Reinforcement	Talc,40% Filler by Weight		
Features	Homopolymer		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.23	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	4.00	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5200	MPa	ISO 527-2
Tensile Stress (Break)	36.0	MPa	ISO 527-2
Tensile Strain (Break)	5.0	%	ISO 527-2
Flexural Stress	55.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	26	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	141	°C	ISO 75-2/B
1.8 MPa, Unannealed	97.0	°C	ISO 75-2/A
Vicat Softening Temperature	106	°C	ISO 306/B50
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+14	ohms	IEC 60093
Volume Resistivity	2.0E+16	ohms · cm	IEC 60093
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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Recommended distributors for this material

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