

ALTECH® PP-H ECO 4940/500 MR40

Polypropylene Homopolymer

ALBIS PLASTIC GmbH

Message:

ALTECH®PP-H ECO 4940/500 MR40 is a polypropylene homopolymer (PP Homopoly) product, which contains 40% 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

heat stabilizer

General Information			
Filler / Reinforcement	Talc filler, 40% filler by weight		
Additive	heat stabilizer		
Features	Thermal Stability		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	15.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2800	MPa	ISO 527-2
Tensile Stress	23.0	MPa	ISO 527-2
Tensile Strain (Break)	5.0	%	ISO 527-2
Flexural Modulus	2900	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	15	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	70.0	°C	ISO 75-2/A
Vicat Softening Temperature	85.0	°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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