

ALTECH® PP-H A 1000/578

Polypropylene Homopolymer

ALBIS PLASTIC GmbH

Message:

ALTECH®PP-H A 1000/578 is a polypropylene homopolymer (PP Homopoly) product. 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

Homopolymer

General Information			
Features	Homopolymer		
	Detergent resistance		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	4.00	cm³/10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	64.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1500	MPa	ISO 527-2
Tensile Stress (Break)	15.0	MPa	ISO 527-2
Tensile Strain (Break)	60	%	ISO 527-2
Flexural Modulus	1300	MPa	ISO 178
Flexural Stress	37.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	5.0	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)	61.0	°C	ISO 75-2/A
Vicat Softening Temperature	59.0	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature			
Dehumidification desiccant	80 - 100	°C	
Hot air dryer	80 - 100	°C	
Drying Time			

Dehumidification desiccant	2.0 - 4.0	hr
Hot air dryer	2.0 - 3.0	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

