

MACOMASS PP MM-PP HE 23

Polypropylene Homopolymer

MACOMASS Verkaufs AG

Message:

MACOMASS PP MM-PP HE 23 is a Polypropylene Homopolymer (PP Homopolymer) material filled with 20% glass fiber. It is available in Europe.

Important attributes of MACOMASS PP MM-PP HE 23 are:

Chemically Coupled

Homopolymer

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	Chemically Coupled		
	Homopolymer		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.00 to 1.04	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.6 to 3.2	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	95.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	> 70.0	MPa	ISO 527-2
Tensile Strain (Break)	> 2.0	%	ISO 527-2
Flexural Modulus	> 3300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	> 5.0	kJ/m²	ISO 179
Charpy Unnotched Impact Strength (23°C)	> 30	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	150	°C	ISO 75-2/B
1.8 MPa, Unannealed	135	°C	ISO 75-2/A

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