

MACOMASS PP MM-PP HF 52

Polypropylene Homopolymer

MACOMASS Verkaufs AG

Message:

MACOMASS PP MM-PP HF 52 is a Polypropylene Homopolymer (PP Homopolymer) material filled with 20% talc. It is available in Europe.

Important attributes of MACOMASS PP MM-PP HF 52 are:

Heat Stabilizer

Homopolymer

General Information			
Filler / Reinforcement	Talc,20% Filler by Weight		
Additive	Heat Stabilizer		
Features	Heat Stabilized		
	Homopolymer		
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.03 to 1.07	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0 to 8.0	g/10 min	ISO 1133
Molding Shrinkage (100°C)	1.0 to 1.1	%	ISO 294-4
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	82.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	> 30.0	MPa	ISO 527-2
Tensile Strain (Break)	> 10	%	ISO 527-2
Flexural Modulus	> 2500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	> 4.0	kJ/m²	ISO 179
Charpy Unnotched Impact Strength (23°C)	> 20	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	123	°C	ISO 75-2/B
1.8 MPa, Unannealed	65.0	°C	ISO 75-2/A

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