

MACOMASS PP MM-PP HI 53

Polypropylene Homopolymer

MACOMASS Verkaufs AG

Message:

MACOMASS PP MM-PP HI 53 is a Polypropylene Homopolymer (PP Homopolymer) material filled with 40% talc. It is available in Europe. Primary attribute of MACOMASS PP MM-PP HI 53: Homopolymer.

General Information			
Filler / Reinforcement	Talc,40% Filler by Weight		
Features	Homopolymer		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.22 to 1.26	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12 to 16	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	84.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	> 30.0	MPa	ISO 527-2
Tensile Strain (Break)	> 3.0	%	ISO 527-2
Flexural Modulus	> 4200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	> 3.0	kJ/m²	ISO 179
Charpy Unnotched Impact Strength (23°C)	> 10	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	138	°C	ISO 75-2/B
1.8 MPa, Unannealed	89.0	°C	ISO 75-2/A
Flammability	Nominal Value	Unit	Test Method
Glow Wire Ignition Temperature			
1.60 mm	750	°C	
3.20 mm	750	°C	

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