

MACOMASS PP MM-PP HI 21 (20% Talc)

Polypropylene Homopolymer

MACOMASS Verkaufs AG

Message:

MACOMASS PP MM-PP HI 21 (20% Talc) is a polypropylene homopolymer (PP Homopoly) material containing 20% talc filler. This product is available in Europe. The main characteristics of MACOMASS PP MM-PP HI 21 (20% Talc) are: homopolymer.

General Information			
Filler / Reinforcement	Talc filler, 20% filler by weight		
Features	Homopolymer		
Appearance	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.03 - 1.08	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16 - 22	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	75.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	> 30.0	MPa	ISO 527-2
Tensile Strain (Break)	> 8.0	%	ISO 527-2
Flexural Modulus	> 2100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	> 3.0	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength (23°C)	> 20	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	105	°C	ISO 75-2/B
1.8 MPa, not annealed	62.0	°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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Recommended distributors for this material

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