

MACOMASS PP MM-PP HF 25

Polypropylene Homopolymer

MACOMASS Verkaufs AG

Message:

PP homo Compound, 20% glass bead reinforced

General Information			
Filler / Reinforcement	Glass beads, 20% filler by weight		
Features	Homopolymer		
Appearance	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.02 - 1.06	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.5 - 8.5	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	73.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	> 25.0	MPa	ISO 527-2
Tensile Strain (Break)	> 40	%	ISO 527-2
Flexural Modulus	> 1500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	> 4.0	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength (23°C)	> 30	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	86.0	°C	ISO 75-2/B
1.8 MPa, not annealed	58.0	°C	ISO 75-2/A

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