

MACOMASS PP MM-PP HE 84

Polypropylene Homopolymer

MACOMASS Verkaufs AG

Message:

PP homo Compound, flame-retardant, non-halogenated, heat resistant

General Information			
Features	Homopolymer		
	Heat resistance, high		
	Halogen-free		
	Flame retardancy		
Appearance	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.03 - 1.07	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.0 - 2.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	> 20.0	MPa	ISO 527-2
Tensile Strain (Break)	> 80	%	ISO 527-2
Flexural Modulus	> 1600	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	> 5.0	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength (23°C)	> 60	kJ/m ²	ISO 179
Flammability	Nominal Value	Test Method	
Flame Rating		UL 94	
1.6 mm	V-0	UL 94	
3.2 mm	V-0	UL 94	

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