

MACOMASS PP MM-PP HE 81

Polypropylene Homopolymer

MACOMASS Verkaufs AG

Message:

MACOMASS PP MM-PP HE 81 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Europe.

Important attributes of MACOMASS PP MM-PP HE 81 are:

- Flame Rated
- Flame Retardant
- Homopolymer

General Information			
Features	Flame Retardant		
	Halogenated		
	Homopolymer		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.920 to 0.960	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.8 to 2.4	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	72.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	> 30.0	MPa	ISO 527-2
Tensile Strain (Break)	> 70	%	ISO 527-2
Flexural Modulus	> 1450	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	> 6.0	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	87.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	53.0	°C	ISO 75-2/A
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.60 mm	V-2		
3.20 mm	V-2		
Glow Wire Ignition Temperature			VDE 0471/2
1.60 mm	960	°C	
3.20 mm	960	°C	

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