

MACOMASS PP MM-PP HE 82

Polypropylene Homopolymer

MACOMASS Verkaufs AG

Message:

MACOMASS PP MM-PP HE 82 is a Polypropylene Homopolymer (PP Homopolymer) material filled with 10% filler. It is available in Europe.

Important attributes of MACOMASS PP MM-PP HE 82 are:

- Flame Rated
- Flame Retardant
- Homopolymer

General Information			
Filler / Reinforcement	Filler,10% Filler by Weight		
Features	Flame Retardant		
	Halogenated		
	Homopolymer		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.26 to 1.30	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.4 to 2.0	g/10 min	ISO 1133
Molding Shrinkage	1.4 to 1.8	%	ISO 294-4
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	112	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	30.0	MPa	ISO 527-2
Tensile Strain (Break)	20	%	ISO 527-2
Flexural Modulus	2650	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	kJ/m²	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	118	°C	ISO 75-2/B
1.8 MPa, Unannealed	71.0	°C	ISO 75-2/A
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.60 mm	V-0		
3.20 mm	V-0		
Glow Wire Ignition Temperature (3.20 mm)	960	°C	VDE 0471/2

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