

Trademark PP PPH3500MA

Polypropylene Homopolymer
Trademark Plastics Corporation

Message:

Trademark PP PPH3500MA is a Polypropylene Homopolymer (PP Homopolymer) product. It can be processed by injection molding and is available in North America. Applications of Trademark PP PPH3500MA include containers, caps/lids/closures, consumer goods and food contact applications. Characteristics include:
Low to No Odor/Taste
Antistatic
Food Contact Acceptable
Good Processability
Homopolymer

General Information			
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	Food Contact Acceptable		
	Good Color Stability		
	Good Flow		
	Good Processability		
	Homopolymer		
	Low to No Odor		
	Low to No Taste		
	Nucleated		
Uses	Closures		
	Food Containers		
	Thin-walled Containers		
	Toys		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	39.3	MPa	ASTM D638
Tensile Elongation ² (Yield)	8.0	%	ASTM D638
Flexural Modulus	1720	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method

Notched Izod Impact (23°C)	32	J/m	ASTM D256
NOTE			
1.	51 mm/min		
2.	51 mm/min		

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