

Trademark PP PPH400E

Polypropylene Homopolymer
Trademark Plastics Corporation

Message:

Trademark PP PPH400E is a Polypropylene Homopolymer (PP Homopolymer) product. It can be processed by fiber (spinning) extrusion and is available in North America. Applications of Trademark PP PPH400E include fabrics/fibers, adhesives/tapes, bags/liners, food contact applications and nonwovens. Characteristics include:
Fast Molding Cycle
Food Contact Acceptable
Good Processability
Homopolymer

General Information			
Features	Fast Molding Cycle		
	Food Contact Acceptable		
	Good Color Stability		
	Good Processability		
	Homopolymer		
	Low Water Carryover		
Uses	Bags		
	Carpet Backing		
	Fibers		
	Tape		
	Textile Applications		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Fiber (Spinning) Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	34.5	MPa	ASTM D638
Tensile Elongation ² (Yield)	8.6	%	ASTM D638
Flexural Modulus	1310	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256
NOTE			
1.	50 mm/min		
2.	50 mm/min		

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