

Trademark PP PPH140E

Polypropylene Homopolymer
Trademark Plastics Corporation

Message:

Trademark PP PPH140E is a Polypropylene Homopolymer (PP Homopolymer) product. It can be processed by extrusion and is available in North America. Applications of Trademark PP PPH140E include food contact applications and straps/ropes. Characteristics include:
Food Contact Acceptable
Good Processability
Homopolymer

General Information			
Features	Food Contact Acceptable		
	Good Color Stability		
	Good Melt Strength		
	Good Processability		
	Homopolymer		
Uses	Profiles		
	Strapping		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	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)	1.4	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	32.8	MPa	ASTM D638
Tensile Elongation ² (Yield)	11	%	ASTM D638
Flexural Modulus	1270	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	27	J/m	ASTM D256
NOTE			
1.	50 mm/min		
2.	50 mm/min		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

