

Prime Polypro™ F113G

Polypropylene Homopolymer

Prime Polymer Co., Ltd.

Message:

Prime Polypro™ F113G is a Polypropylene Homopolymer (PP Homopolymer) product. It can be processed by film extrusion or injection molding and is available in Asia Pacific, Europe, or North America. Applications of Prime Polypro™ F113G include fabrics/fibers, film, household applications and yarn. Primary characteristic: rigid.

General Information	
UL YellowCard	E167245-312438
Features	High Rigidity
Uses	BCF Yarn Bi-axially Oriented Film Household Goods Monofilaments
Processing Method	Film Extrusion Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	100		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1600	MPa	ISO 527-2
Tensile Stress (Yield)	37.0	MPa	ISO 527-2
Tensile Strain (Break)	120	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	5.5	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	110	°C	ISO 75-2/B

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