

Prime Polypro™ F107BV

Polypropylene Homopolymer

Prime Polymer Co., Ltd.

Message:

Prime Polypro™ F107BV is a Polypropylene Homopolymer (PP Homopolymer) product. It can be processed by cast film or film extrusion and is available in Asia Pacific, Europe, or North America. Typical application: Film.

General Information			
Uses	Cast Film		
	Film		
Processing Method	Cast Film		
	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	105		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1600	MPa	ISO 527-2
Tensile Stress (Yield)	36.0	MPa	ISO 527-2
Tensile Strain (Break)	100	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	4.0	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	105	°C	ISO 75-2/B

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