

Prime Polypro™ J106MG

Polypropylene Homopolymer

Prime Polymer Co., Ltd.

Message:

Prime Polypro™ J106MG is a Polypropylene Homopolymer (PP Homopolymer) product. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Typical application: Packaging.

Characteristics include:

Homopolymer

Rigid

General Information			
Features	High Rigidity		
	Homopolymer		
Uses	Food Packaging		
Appearance	Clear/Transparent		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2050	MPa	ISO 527-2
Tensile Stress (Yield)	41.0	MPa	ISO 527-2
Nominal Tensile Strain at Break	30	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	2.5	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	120	°C	ISO 75-2/B

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