

Prime Polypro™ B221WA

Polypropylene Random Copolymer

Prime Polymer Co., Ltd.

Message:

Prime Polypro™ B221WA is a Polypropylene Random Copolymer (PP Random Copolymer) product. It can be processed by blow molding and is available in Asia Pacific, Europe, or North America. Applications of Prime Polypro™ B221WA include bottles and sheet.

General Information			
UL YellowCard	E167245-224909		
Uses	Bottles		
	Sheet		
Appearance	Clear/Transparent		
Processing Method	Blow 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)	0.50	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	90		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1050	MPa	ISO 527-2
Tensile Stress (Yield)	29.0	MPa	ISO 527-2
Tensile Strain (Break)	< 200	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	22	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	85.0	°C	ISO 75-2/B

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