

Prime Polypro™ J229E

Polypropylene Random Copolymer

Prime Polymer Co., Ltd.

Message:

Prime Polypro™ J229E is a Polypropylene Random Copolymer (PP Random Copolymer) product. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Typical application: Household Applications.

Characteristics include:

- Clarity
- Copolymer
- High Flow

General Information			
Features	High Clarity		
	High Flow		
	Random Copolymer		
Uses	Household Goods		
Appearance	Clear/Transparent		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	50	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	80		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1050	MPa	ISO 527-2
Tensile Stress (Yield)	30.0	MPa	ISO 527-2
Nominal Tensile Strain at Break	> 200	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	5.0	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	80.0	°C	ISO 75-2/B

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