

# Prime Polypro™ E223U

Polypropylene Random Copolymer

Prime Polymer Co., Ltd.

## Message:

Prime Polypro™E223U is a polypropylene random copolymer (PP random copolymer) product. It can be processed by extrusion and is available in North America, Europe or Asia Pacific. Typical application areas are: thin plates.

General Information			
Uses	Sheet		
Appearance	Clear/transparent		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.5	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	70		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Injection Molded)	950	MPa	ISO 527-2
Tensile Stress (Yield, Injection Molded)	26.0	MPa	ISO 527-2
Tensile Strain (Break, Injection Molded)	200	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C, Injection Molded)	30	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	85.0	°C	ISO 75-2/B
Additional Information			

Tensile Strain at Break, ISO 527: >200%

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## Recommended distributors for this material

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