

Prime Polypro™ J-2023GR

Polypropylene Random Copolymer

Prime Polymer Co., Ltd.

Message:

Prime Polypro™ J-2023GR 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. Primary characteristic: copolymer.

General Information			
UL YellowCard	E167245-101015506		
Features	Random Copolymer		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	22	g/10 min	ISO 1133
Molding Shrinkage	1.4 to 1.8	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	86		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
Tensile Strain (Break)	17	%	ISO 527-2
Nominal Tensile Strain at Break	200	%	ISO 527-2
Flexural Modulus	1050	MPa	ISO 178
Flexural Stress	32.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	6.0	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	79.0	°C	ISO 75-2/B
Optical	Nominal Value	Unit	Test Method
Haze (2000 µm)	24	%	ISO 14782

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Recommended distributors for this material

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