

# PrimaFlex® RP 2001-C

Polypropylene Random Copolymer  
Plastic Solutions, Inc.

Message:

Description: RP 2001-C is a high melt flow random copolymer with excellent clarity, fast cycle time and easy mold release designed for injection molding applications.

General Information			
Features	Fast Molding Cycle		
	Food Contact Acceptable		
	Good Mold Release		
	High Clarity		
	High Flow		
	Random Copolymer		
Uses	Containers		
	Vials		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	100		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.0	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus	1030	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	69	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	30.6	°C	ASTM D648

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