

PrimaFlex® RP 1201-C

Polypropylene Random Copolymer

Plastic Solutions, Inc.

Message:

Description: RP 1201-C is a medium melt flow random copolymer with fast cycle time and easy mold release. Its clarity makes it an excellent choice for "see-through" applications.

General Information			
Features	Fast Molding Cycle		
	Food Contact Acceptable		
	Good Mold Release		
	High Clarity		
	Medium Flow		
	Random Copolymer		
Uses	Containers		
	Vials		
Agency Ratings	FDA 21 CFR 177.1520		
Appearance	Clear/Transparent		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	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)	30.3	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus	1100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	64	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	90.0	°C	ASTM D648

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