

# ColorRx® PP1-2300RX

Polypropylene Homopolymer  
LTL Color Compounders, Inc.

Message:

A biocompatible , Polypropylene homopolymer with low warpage and good flow for healthcare applications.

General Information			
Features	Biocompatible		
	Good Flow		
	Homopolymer		
	Low Warpage		
Uses	Medical/Healthcare Applications		
Agency Ratings	ISO 10993		
	USP Class VI		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	23	g/10 min	ASTM D1238

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	33.3	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	8.0	%	
Break	> 50	%	

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	85.0	°C	ASTM D648

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