

# ColorRx® PP1-7500RX

Polypropylene Homopolymer  
LTL Color Compounders, Inc.

Message:

A biocompatible, Polypropylene homopolymer with very high flow and high stiffness for healthcare applications.

General Information			
Features	Biocompatible		
	High Flow		
	High Stiffness		
	Homopolymer		
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)	75	g/10 min	ASTM D1238

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	34.5	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	7.0	%	
Break	20	%	

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

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