

ColorRx® PP1-0800RX

Polypropylene Homopolymer
LTL Color Compounders, Inc.

Message:
A biocompatible, Polypropylene homopolymer for healthcare applications.

General Information			
Features	Homopolymer		
	Biocompatibility		
Uses	Medical/nursing supplies		
Agency Ratings	ISO 10993		
	USP Class VI		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.5	g/10 min	ASTM D1238

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	30.3	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	10	%	ASTM D638
Fracture	> 50	%	ASTM D638

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	82.8	°C	ASTM D648

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