

ColorRx® PP1-2000RX

Polypropylene Homopolymer

LTL Color Compounders, Inc.

Message:

A biocompatible 20 melt injection molding grade of Polypropylene homopolymer for healthcare applications.

General Information			
Features	Biocompatible		
	Homopolymer		
Uses	Medical/Healthcare Applications		
Agency Ratings	ISO 10993		
	ISO 10993-Part 1		
	USP Class VI		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.910	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	33.1	MPa	ASTM D638
Tensile Elongation (Yield)	8.0	%	ASTM D638
Flexural Modulus	1310	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, 6.35 mm)	104	°C	ASTM D648

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