

ColorRx® PP2-1000RX

Polypropylene Random Copolymer

LTL Color Compounders, Inc.

Message:

A biocompatible approx. 10 melt injection molding grade of Polypropylene random copolymer for healthcare applications

General Information			
Features	Biocompatible		
	Random Copolymer		
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	0.898	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	94		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	32.3	MPa	ASTM D638
Tensile Elongation (Yield)	11	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	69	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	82.2	°C	ASTM D648

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