

ColorRx® PP2-0900RX

Polypropylene Random Copolymer

LTL Color Compounders, Inc.

Message:

A biocompatible, Polypropylene random copolymer with radiation resistance for healthcare applications.

General Information			
Features	Biocompatible		
	Radiation (Gamma) Resistant		
	Random Copolymer		
Uses	Medical/Healthcare Applications		
Agency Ratings	ISO 10993		
	USP Class VI		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.902	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	9.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.3	MPa	ASTM D638
Tensile Elongation (Break)	> 700	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	59	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	90.0	°C	ASTM D648

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