

ColorRx® PE2-0200RX

High Density Polyethylene

LTL Color Compounders, Inc.

Message:

A biocompatible fractional melt High Density Polyethylene for healthcare applications

General Information	
Features	Biocompatible
Uses	Medical/Healthcare Applications
Agency Ratings	ISO 10993
	ISO 10993-Part 1
	USP Class VI

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.945	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	0.60	g/10 min	
190°C/5.0 kg	2.0	g/10 min	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	21.4	MPa	ASTM D638
Tensile Elongation (Break)	> 500	%	ASTM D638
Flexural Modulus	951	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, 6.35 mm)	68.9	°C	ASTM D648

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