

ColorRx® PE2-4000RX

High Density Polyethylene

LTL Color Compounders, Inc.

Message:

A biocompatible high flow HDPE for healthcare applications. This product is free of any animal derived components.

General Information			
Features	Biocompatible		
	High Flow		
	No Animal Derived Components		
Uses	Medical/Healthcare Applications		
Agency Ratings	ISO 10993		
	ISO 10993-Part 1		
	USP Class VI		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.953	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	44	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.9	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	1020	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	71.1	°C	ASTM D648

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Recommended distributors for this material

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