

LTL Color Compounds ColorRx PE2-0200RX Biocompatible HDPE

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE

Material Notes:

A biocompatible fractional melt High Density Polyethylene for healthcare applications All information provided by LTL Color Compounds, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LTL-Color-Compounds-ColorRx-PE2-0200RX-Biocompatible-HDPE.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.945 g/cc	0.945 g/cc	ASTM D792
Melt Flow	0.60 g/10 min	0.60 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	
	2.0 g/10 min	2.0 g/10 min	ASTM D1238
	@Load 5.00 kg, Temperature 190 °C	@Load 11.0 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	21.4 MPa	3100 psi	ASTM D638
Elongation at Break	>= 500 %	>= 500 %	ASTM D638
Flexural Modulus	0.951 GPa	138 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	68.9 °C	156 °F	(0.250"); ASTM D648

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