

LTL Color Compounds ColorRx[®],ç PE3-0205ARX Biocompatible, Antimicrobial LDPE

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

Material Notes:

A biocompatible Low Density Polyethylene for healthcare applications containing a high level of antimicrobial protection for FDA regulated medical devices. All information provided by LTL Color Compounds, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LTL-Color-Compounds-ColorRx-PE3-0205ARX-Biocompatible-Antimicrobial-LDPE.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 g/cc	0.920 g/cc	ASTM D792
Melt Flow	1.9 g/10 min @Load 2.16 kg, Temperature 190 Â°C	1.9 g/10 min @Load 4.76 lb, Temperature 374 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	14.5 MPa	2100 psi	ASTM D638
Elongation at Break	>= 500 %	>= 500 %	ASTM D638
Flexural Modulus	1.79 GPa	260 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	95.6 Â°C	204 Â°F	ASTM D648

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