

LTL Color Compounds ColorRx[®],ç PE2-0202ARX Biocompatible, Antimicrobial HDPE

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

Material Notes:

A fractional melt High Density Polyethylene containing antimicrobial protection. Ingredients are not approved for biocompatibility or food contact 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-PE2-0202ARX-Biocompatible-Antimicrobial-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 Å°C	@Load 4.76 lb, Temperature 374 Å°F	
	2.0 g/10 min	2.0 g/10 min	ASTM D1238
	@Load 5.00 kg, Temperature 190 Å°C	@Load 11.0 lb, Temperature 374 Å°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 Å°C	156 Å°F	(0.250"); ASTM D648

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