

LTL Color Compounds ColorRx[®],ç PP2- 1005ARX Biocompatible, Antimicrobial Polypropylene Random Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

Material Notes:

A biocompatible approx. 10 melt Polypropylene random copolymer for healthcare applications, containing a high level of antimicrobial protection for FDA regulated medical devices. All information provided by LTL Color Compounders, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LTL-Color-Compounds-ColorRx-PP2-1005ARX-Biocompatible-Antimicrobial-Polypropylene-Random-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D792
Melt Flow	11 g/10 min @Load 2.16 kg, Temperature 230 Å°C	11 g/10 min @Load 4.76 lb, Temperature 446 Å°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	26.9 MPa	3900 psi	ASTM D638
Elongation at Yield	10 %	10 %	ASTM D638
Flexural Modulus	0.827 GPa	120 ksi	ASTM D790
Izod Impact, Notched	0.641 J/cm @Temperature 22.8 Å°C	1.20 ft-lb/in @Temperature 73.0 Å°F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	90.6 Å°C	195 Å°F	(0.250"); ASTM D648

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