

LTL Color Compounds ColorRx[®],ç ABS-0505ARX Biocompatible, Antimicrobial ABS

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

A biocompatible, high gloss injection molding grade of ABS 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-ABS-0505ARX-Biocompatible-Antimicrobial-ABS.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.06 g/cc	1.06 g/cc	ASTM D792
Linear Mold Shrinkage	0.0040 - 0.0060 cm/cm	0.0040 - 0.0060 in/in	ASTM D955
Melt Flow	5.0 g/10 min @Load 3.80 kg, Temperature 230 Â°C	5.0 g/10 min @Load 8.38 lb, Temperature 446 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	47.6 MPa	6900 psi	ASTM D638
Elongation at Break	26 %	26 %	ASTM D638
Flexural Modulus	2.62 GPa	380 ksi	ASTM D790
Izod Impact, Notched	2.14 J/cm @Temperature 22.8 Â°C	4.00 ft-lb/in @Temperature 73.0 Â°F	0.125"; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	83.9 Â°C	183 Â°F	Unannealed (0.5"); ASTM D648

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