

## LTL Color Compounds ColorRx<sup>®</sup>,<sup>ç</sup> ABS-0502ARX Biocompatible, Antimicrobial ABS

Category : Polymer , Thermoplastic , ABS Polymer

**Material Notes:**

A biocompatible, high gloss injection molding grade of ABS for healthcare applications, containing antimicrobial protection. 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-0502ARX-Biocompatible-Antimicrobial-ABS.php](http://www.lookpolymers.com/polymer_LTL-Color-Compounds-ColorRx-ABS-0502ARX-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 Å°C	5.0 g/10 min @Load 8.38 lb, Temperature 446 Å°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 Å°C	4.00 ft-lb/in @Temperature 73.0 Å°F	0.125"; ASTM D256

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

### Contact Songhan Plastic Technology Co.,Ltd.

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