

## LTL Color Compounds ColorRx<sup>®</sup>,ç PP1-2002ARX Biocompatible Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**

A biocompatible 20 melt injection molding grade of Polypropylene homopolymer for healthcare applications, containing antimicrobial protection. All information provided by LTL Color Compounders, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_LTL-Color-Compounds-ColorRx-PP1-2002ARX-Biocompatible-Polypropylene-Homopolymer.php](http://www.lookpolymers.com/polymer_LTL-Color-Compounds-ColorRx-PP1-2002ARX-Biocompatible-Polypropylene-Homopolymer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.910 g/cc	0.910 g/cc	ASTM D792
Melt Flow	20 g/10 min	20 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	33.1 MPa	4800 psi	ASTM D638
Elongation at Yield	8.0 %	8.0 %	ASTM D638
Flexural Modulus	1.31 GPa	190 ksi	ASTM D790
Izod Impact, Notched	0.534 J/cm	1.00 ft-lb/in	ASTM D256
	@Temperature 22.8 °C	@Temperature 73.0 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	104 °C	220 °F	ASTM D648

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

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China