

LTL Color Compounds ColorRx[®], PC-1001A Antimicrobial Polycarbonate

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

A 10 melt grade of Polycarbonate containing antimicrobial protection. Ingredients are not approved for biocompatibility or food contact applications. All information provided by LTL Color Compounders, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LTL-Color-Compounds-ColorRx-PC-1001A-Antimicrobial-Polycarbonate.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	ASTM D792
Water Absorption	0.12 %	0.12 %	@ 24 Hours, 73°F; ASTM D570
Linear Mold Shrinkage	0.0060 - 0.0080 cm/cm	0.0060 - 0.0080 in/in	ASTM D955
Melt Flow	10 - 13 g/10 min @Load 1.20 kg, Temperature 300 °C	10 - 13 g/10 min @Load 2.65 lb, Temperature 572 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	70	70	ASTM D785
Tensile Strength, Yield	64.1 MPa	9300 psi	ASTM D638
Elongation at Break	112 %	112 %	ASTM D638
Elongation at Yield	6.0 %	6.0 %	ASTM D638
Flexural Modulus	2.28 GPa	330 ksi	ASTM D790
Izod Impact, Notched	8.54 J/cm @Temperature 22.8 °C	16.0 ft-lb/in @Temperature 73.0 °F	0.125"; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	132 °C	270 °F	Unannealed (0.250"); ASTM D648

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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