

LTL Color Compounds ColorRx[®],ç ABS-0501A Antimicrobial ABS

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

A high gloss, injection molding grade of ABS 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-ABS-0501A-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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