

LTL Color Compounds ColorRx[®],ç PE2-0201A Antimicrobial HDPE

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE

Material Notes:

A fractional melt High Density Polyethylene 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-PE2-0201A-Antimicrobial-HDPE.php

| Physical Properties | Metric | English | Comments |
|---------------------|---------------------------------------|---------------------------------------|------------|
| Specific Gravity | 0.945 g/cc | 0.945 g/cc | ASTM D792 |
| Melt Flow | 0.60 g/10 min | 0.60 g/10 min | ASTM D1238 |
| | @Load 2.16 kg, Temperature 190 Å°C | @Load 4.76 lb, Temperature 374 Å°F | |
| | 2.0 g/10 min | 2.0 g/10 min | ASTM D1238 |
| | @Load 5.00 kg, Temperature 190 Å°C | @Load 11.0 lb, Temperature 374 Å°F | |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|-----------|----------|-----------|
| Tensile Strength, Yield | 21.4 MPa | 3100 psi | ASTM D638 |
| Elongation at Break | >= 500 % | >= 500 % | ASTM D638 |
| Flexural Modulus | 0.951 GPa | 138 ksi | ASTM D790 |

| Thermal Properties | Metric | English | Comments |
|--|----------|---------|---------------------|
| Deflection Temperature at 0.46 MPa (66 psi) | 68.9 Å°C | 156 Å°F | (0.250"); ASTM D648 |

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