

HIFOR Xtreme® SC74844

Linear Low Density Polyethylene

Westlake Chemical Corporation

Message:

WESTLAKE HIFOR Xtreme SC74844 polymer is a high strength linear low density polyethylene designed for blown film extrusion that contains, medium slip, high antiblock and processing aid. Films produced with this resin exhibit balanced toughness. Other features of this resin include good clarity and machine direction tear resistance.

| General Information | | | |
|---|------------------------|-------------------|-------------|
| Additive | High Antiblock | | |
| | Medium Slip | | |
| | Processing Aid | | |
| Features | Good Impact Resistance | | |
| | Good Tear Strength | | |
| | High Antiblocking | | |
| | High Strength | | |
| | Medium Slip | | |
| Uses | Food Packaging | | |
| | Packaging | | |
| Agency Ratings | FDA 21 CFR 177.1520 | | |
| Forms | Pellets | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.917 | g/cm ³ | ASTM D4883 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 0.50 | g/10 min | ASTM D1238 |
| Films | Nominal Value | Unit | Test Method |
| Secant Modulus | | | ASTM D882 |
| 1% Secant, MD | 186 | MPa | |
| 1% Secant, TD | 207 | MPa | |
| Tensile Strength | | | ASTM D882 |
| MD : Break | 58.6 | MPa | |
| TD : Break | 44.8 | MPa | |
| Tensile Elongation | | | ASTM D882 |
| MD : Break | 600 | % | |
| TD : Break | 900 | % | |
| Dart Drop Impact | 750 | g | ASTM D1709 |
| Optical | Nominal Value | Unit | Test Method |
| Gloss (45°) | 50 | | ASTM D2457 |

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