

BFI 1880

Metallocene Polyethylene
Blueridge Films Inc.

Message:

BFI 1880 is a Metallocene Polyethylene material. It is available in North America.
Important attributes of BFI 1880 are:
Food Contact Acceptable
Puncture Resistant
Typical applications include:
Food Contact Applications
Packaging

| General Information | | | |
|--|--------------------------------------|-------------------|-------------|
| Features | Food Contact Acceptable | | |
| | Puncture Resistant | | |
| Uses | Food Packaging | | |
| | Non-specific Food Applications | | |
| | Packaging | | |
| Agency Ratings | FDA Food Contact, Unspecified Rating | | |
| | FDA Unspecified Rating | | |
| Forms | Film | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 0.900 | g/cm ³ | |
| Melt Mass-Flow Rate (MFR) (190°C/0.325 kg) | 2.0 | g/10 min | ASTM D1238 |
| Films | Nominal Value | Unit | Test Method |
| Film Puncture Energy | 4.52 | J | |
| Film Puncture Force | 47.6 | N | |
| Secant Modulus | | | ASTM D882 |
| 1% Secant, MD | 108 | MPa | |
| 1% Secant, TD | 105 | MPa | |
| Tensile Strength | | | ASTM D882 |
| MD : Yield | 4.83 | MPa | |
| TD : Yield | 4.21 | MPa | |
| MD : Break | 60.7 | MPa | |
| TD : Break | 62.7 | MPa | |
| Tensile Elongation | | | ASTM D882 |
| MD : Break | 520 | % | |
| TD : Break | 580 | % | |

| Dart Drop Impact | > 1200 | g | ASTM D1709A |
|-------------------------|---------------|------|-------------|
| Elmendorf Tear Strength | | | ASTM D1922 |
| MD | 170 | g | |
| TD | 290 | g | |
| Thermal | Nominal Value | Unit | Test Method |
| Melting Temperature | 94.4 | °C | DSC |
| Optical | Nominal Value | Unit | Test Method |
| Gloss (45°) | 87 | | ASTM D2457 |
| Haze | 2.4 | % | ASTM D1003 |

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