

| | Method | Unit | Typical Value |
|--|----------|----------------------------|---------------|
| Resin Properties ⁽¹⁾ | | | |
| Melt Flow Index | D-1238 | g/10 min | |
| 190 °C/2.16 kg | | | 0.23 |
| 190 °C/21.6 kg (HLMI) | | | 20 |
| Density | D-792 | g/cm ³ | 0.947 |
| Melting Point | D-3417 | °F | 267 |
| Film Properties ⁽¹⁾⁽²⁾ | | | |
| Dart Impact | D1709, A | g | < 50 |
| Elmendorf Tear | D1922 | g (MD/TD) | 10 / 1450 |
| Tensile Strength @ Yield | D-882, A | psi (MD/TD) | 3400 / 3800 |
| Tensile Strength @ Break | D-882, A | psi (MD/TD) | 9000 / 2700 |
| Elongation at Break | D-882, A | % (MD/TD) | 450 / 600 |
| 1% Secant Modulus | D-882, A | kpsi (MD/TD) | 103 / 145 |
| WVTR ⁽³⁾ @ 100 °F | F1249 | g/100 in ² /day | 0.7 |
| High Stalk Extrusion⁽¹⁾⁽⁴⁾ | | | |
| Dart Impact | D1709, A | g | 100 |
| Elmendorf Tear | D1922 | g (MD/TD) | 28 / 530 |
| Tensile Strength @ Yield | D-882, A | psi (MD/TD) | 3500 / 3700 |
| Tensile Strength @ Break | D-882, A | psi (MD/TD) | 7900 / 5700 |
| Elongation at Break | D-882, A | % (MD/TD) | 600 / 700 |
| WVTR ⁽³⁾ @ 100 °F | F1249 | g/100 in ² /day | 0.5 |
| Processing Recommendation | | | |
| Extrusion Melt Temperature | | °F | 380 - 420 |

Characteristics:

- Excellent processability
- Good tear and impact strength
- Good stiffness
- Excellent compatibility with LDPE and LLDPE
- Excellent drawdown

Applications:

- Multi-wall liners
- Gas flush poultry bags
- Mailing envelopes
- Heavy-duty shipping sacks
- Fresh cut produce packaging
- Coextruded films

(1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima.

(2) Film was produced at 1.0 mil with a 2.5:1 BUR.

(3) Water Vapor Transmission Rate

(4) Film was produced at 1.0 mil with a 6:1 FLH/D ratio and 4:1 BUR.