


**Formosa Plastics®**
**Formolene® LDPE**

## Formolene® FL2202A

### *Liner LDPE Resin with Slip and Antiblock*

Formolene® FL2202A is a low density polyethylene offering good balance of optical and mechanical properties. Formolene® FL2202A is formulated with slip and antiblock for use in film applications offering excellent extrusion processing and film optical properties.

#### **Suggested Applications:**

|                |                              |                   |
|----------------|------------------------------|-------------------|
| Blend Partner  | Light Duty Shrink Film       | Mail Bags         |
| Cast Film      | Freezer Film                 | Produce Bags      |
| Food Packaging | Lamination Film              | Shoppers          |
| Foams          | Compounding                  | Textile Packaging |
| Liners         | Form Fill and Seal Packaging |                   |

#### **Nominal Physical Properties:**

| PROPERTY                               | TEST METHOD | UNIT     | VALUE        |
|----------------------------------------|-------------|----------|--------------|
| Density                                | D1505       | g/cc     | 0.923        |
| Melt Index, Condition E, 190C°/2.16 kg | D1238       | g/10 min | 2.0          |
| Dart Impact                            | D1709       | g        | 80           |
| Elmendorf Tear Strength                | D1922       | g        | 150/120*     |
| Tensile Strength at Yield              | D882        | psi      | 1600/1600*   |
| Tensile Strength at Break              | D882        | psi      | 3600/3200*   |
| Elongation at Break                    | D882        | %        | 330/550*     |
| Secant Modulus @ 1%                    | D882        | psi      | 30000/33000* |
| Gloss (45°)                            | D2457       |          | 63           |
| Haze                                   | D1003       | %        | 6.1          |

\* MD / TD

Note: Film properties based on 1.5 mil (38.1 micron) thick film produced on a 2.5 inch (63.5 mm ) blown film line with a 2.5:1 blowup ratio, a melt temperature of 340-360°F (171-182°C), a 30 mil (0.76 mm) die gap at a rate of 8 lbs/hr/in die circumference (1.43kg/hr/cm). Actual film properties may vary based on extrusion equipment, operating conditions and additive package. Film properties are not intended to be used as specifications.

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