


**Formosa Plastics®**
**Formolene® LLDPE**

## Formolene® L62009

### **Linear Low Density Polyethylene (LLDPE) Resin Hexene Copolymer for Film Extrusion Applications**

Formolene® L62009 is a general-purpose film grade linear low density made using gas-phase technology. The resin exhibits excellent toughness and strength when drawn down to thin gauges.

Formolene® L62009 meets all requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520, covering safe use of polyolefin articles intended for direct food contact.

#### **Suggested Applications:**

Blending Resin  
Industrial Packaging  
Co-Extrusion

Industrial Liners  
Garment Bags

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

| PROPERTY                               | ASTM<br>TEST<br>METHOD | UNIT         | VALUE      |
|----------------------------------------|------------------------|--------------|------------|
| Density                                | D1505                  | g/cc         | 0.920      |
| Melt Index, Condition E, 190°C/2.16 kg | D1238                  | g/10<br>min. | 0.95       |
| Dart Impact                            | D1709                  | g/mil        | 320        |
| Tear Strength                          | D1922                  | g/mil        | 430/640*   |
| Tensile Strength at Break              | D882                   | psi.         | 5500/4300* |
| Elongation                             | D882                   | %            | 650/800*   |

\* MD / TD

Available in the following additive packages:

| Additive        | L62009A                 | L62009B | L62009H             | L62009E2                |
|-----------------|-------------------------|---------|---------------------|-------------------------|
| Antiblock (ppm) | 7000                    | None    | None                | 7000                    |
| Slip (ppm)      | None                    | None    | None                | 1500                    |
| Special         | Additives<br>talc based | -       | High<br>Antioxidant | Additives<br>talc based |

Note: Film properties based on 25 micron blown film produced with a 2.5:1 Blow Up Ratio at 12 lbs/hr/in. die. 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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**Any inquiries regarding this data sheet should be addressed to: 9 Peach Tree Hill Road • Livingston, NJ 07039 • Phone: (888) FPCUSA3 • Fax: (973) 422-7772**

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