



# 22F08B3- LINEAR LOW-DENSITY POLYETHYLENE RESIN

Shell Polymers LLDPE 22F08B3 is a fractional melt index 1-butene blown film resin.

## Product Family

LLDPE

## Conversion Process

Film Extrusion

## Highlights

- Produces films that have good
  - tensile, drawdown, stiffness and toughness properties
- Could be utilized in applications such as easy-opening overwraps
  - that require increased stiffness vs. conventional butene LLDPE products
- Gas phase technology



### Convenient Pennsylvania Location

Our accessible Pennsylvania location is within 700 miles of most North American polyethylene buyers, so small- to large-sized converters like you can travel to our plant, collaborate with our team and get home the same day.



### Ensuring Lot-to-Lot Consistency

Within our innovation center, the analytical laboratory helps us produce highly consistent product. For example: The lab's data helps us to get as close as possible to the center of the specification range and to ensure all railcars are near that range.



### In-Depth Film Studies

In the material testing and inspection laboratory, we conduct a wide range of in-depth studies that characterize the mechanical, processing and visual properties of a polymer. Such tests include film testing for tensile, impact and tear strength as well as coefficient of friction and cling.

## Product Details

| Melt Index | Method               | Test Conditions |
|------------|----------------------|-----------------|
| 0.8        | ASTM D1238 (g/10min) | 2.16 kg/190C    |

| Density | Method            |
|---------|-------------------|
| 0.922   | ASTM D792 (g/cm3) |