



# SHELL POLYMERS

MAKING THE EXPERIENCE MATTER

## 18F1B1- LINEAR LOW-DENSITY POLYETHYLENE RESIN

Shell Polymers LLDPE 18F1B1 is a 1-butene blown film resin.

### Product Family

LLDPE

### Conversion Process

Film Extrusion

### Highlights

- Produces films that have good drawdown, tensile and toughness
- Gas phase technology

### Additives

Thermal stabilizer  
Antiblock



### Delivering High-Quality Product

The polymer science laboratories test specimens made in the application hall and perform in-depth studies that characterize the mechanical, processing and visual properties of a polymer, including its flow behavior. These tests confirm that our products satisfy the requirements or specifications of that grade.



### 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. Read more about how our location delivers a logistical advantage.



### 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.

### Product Details

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

Density	Method
0.918	ASTM D792 (g/cm3)

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