



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)

www.shell.us/polymers

For more information email us at polymers@shell.com

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