



# SHELL POLYMERS

MAKING THE EXPERIENCE MATTER

## 18F2B- LINEAR LOW-DENSITY POLYETHYLENE RESIN

Shell Polymers LLDPE 18F2B is a 1-butene blown film resin.

### Product Family

LLDPE



### 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.

### Conversion Process

Film Extrusion



### Strategic Transportation Options

As a customer benefit, we have multiple transportation options when you need them—with the ability to move from rail to truck. In fact, our rapid deployment truck loading operation enables trucks to be loaded in 20 minutes and prepared for shipment in a couple hours directly from our site.

### Highlights

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



### 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.

### Additives

Thermal stabilizer

### Product Details

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

Density	Method
0.918	ASTM D792 (g/cm3)

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