



SHELL POLYMERS

MAKING THE EXPERIENCE MATTER

18F1B- LINEAR LOW-DENSITY POLYETHYLENE RESIN

Shell Polymers 18F1B is a 1-butene LLDPE blown film resin.

Product Family

LLDPE



Technical Expertise

From analytical chemists to polymer scientists and technical experts, our innovation center is home to industry pioneers who can collaborate with you to move your business forward.

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
- Gas phase technology



State-of-the-Art Film Equipment

Our application hall has three commercial-scale Alpine film extrusion lines that are used to make specimens and parts similar to our customers'—which means you can avoid downtime by using our lines to conduct back-to-back trials.

Additives

Thermal stabilizer

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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