



18F4M- LINEAR LOW-DENSITY POLYETHYLENE RESIN

Shell Polymers LLDPE 18F4M is an ethylene 1-hexene metallocene cast film resin.

Product Family

LLDPE

Conversion Process

Film Extrusion

Highlights

- Produces films that have
- outstanding impact strength, tensile and puncture properties
- Designed to be used in
- demanding packaging applications
 - Gas phase technology

Additives

Thermal stabilizer



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.



Uncovering Insights Through Testing

The polymer science laboratories in our innovation center test specimens made in the application hall and perform in-depth studies to characterize polymer properties like flow behavior.



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.

Product Details

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

Density	Method
0.918	ASTM D792 (g/cm3)