



# 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)