



23F1M- LINEAR LOW-DENSITY POLYETHYLENE RESIN

Shell Polymers LLDPE 23F1M is an ethylene 1-hexene metallocene blown film resin.

Product Family
LLDPE



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.

Conversion Process
Film Extrusion



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.

Highlights

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

Product Details

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

Density	Method
0.923	ASTM D792 (g/cm3)