

LLDPE**LLDPE LEF34S****LINEAR LOW DENSITY POLYETHYLENE (LLDPE)**

A butene-comonomer linear low-density polyethylene (LLDPE) blown-film extrusion resin combining high stiffness, high transparency, and puncture resistance with stable processing behavior. Designed as a general-purpose film grade suitable for heavy-gauge agricultural and greenhouse film, transparent food packaging film, and ultra-thin mulch film, with good tensile strength, elongation, and low haze for optical clarity.

Typical Application

- Blown-film extrusion for heavy-gauge agricultural and greenhouse film
- Transparent food packaging film
- Ultra-thin mulch film
- Industrial and heavy-duty packaging film

Product Characteristics

- High stiffness and puncture resistance
- High optical transparency / low haze
- Good tensile strength and elongation at break
- Stable, consistent processing performance

Physical Properties

Properties	Test Method	Typical Value	Unit
Melt Flow Rate (190°C/2.16kg)	GB/T 3682.1 (ASTM D1238 equiv.)	1.00	g/10 min
Density	GB/T 1033.2 (ASTM D792 equiv.)	0.9196	g/cm ³
Tensile Yield Stress	GB/T 1040.2 (ASTM D638 equiv.)	10.0	MPa
Tensile Stress at Break	GB/T 1040.2 (ASTM D638 equiv.)	15.3	MPa
Elongation at Break	GB/T 1040.2 (ASTM D638 equiv.)	381	%
Fisheye Count (≥0.8mm, per 1520 cm ²)	GB/T 11115	0	count
Haze (Fog Level)	GB/T 2410 (ASTM D1003 equiv.)	9.2	%

Processing Guidelines

Standard blown-film extrusion conditions for butene LLDPE; typical property values shown are from the producer's published grade certificate-of-analysis data.

1. Typical values per the producer's published family/COA data; grade-specific certificate of analysis supplied per lot at order.
2. Melt flow rate cross-checked against the site's listed specification (1 g/10 min @ 190°C/2.16kg) — matches.