

LLDPE**LLDPE EGF-34****LINEAR LOW DENSITY POLYETHYLENE (LLDPE)**

This grade is a low-flow, butene-comonomer linear low-density polyethylene (LLDPE) manufactured for blown-film extrusion. It offers high tensile strength, toughness and rigidity together with good heat and cold resistance, environmental stress-crack resistance, and impact and puncture resistance, producing films with good optical clarity and aging resistance.

Typical Application

- Thin film

Product Characteristics

- Low melt flow for improved melt strength in thin-gauge film
- Good balance of tensile strength, toughness and rigidity
- Good environmental stress-crack resistance

Physical Properties

Properties	Test Method	Typical Value	Unit
Melt Flow (190°C/2.16kg)	ASTM D1238	1.0	g/10 min
Density	ASTM D792	0.918	g/cm ³
Tensile Strength at Yield		≥9	MPa
Tensile Strength at Break		≥19	MPa
Elongation at Break		≥600	%

1. Density is published in the producer's family data sheet as 0.918 g/cm³ for this grade code; the commercial offer sheet rounds this to 0.920 g/cm³. The difference is within normal batch/rounding variance and does not affect the film-grade classification.

2. The nominal properties reported herein are typical of the product and do not reflect normal testing variance; they should not be used for specification purposes.