

LLDPE**LLDPE 1801****LINEAR LOW DENSITY POLYETHYLENE (LLDPE)**

1801 is a butene-comonomer linear low-density polyethylene (LLDPE) resin for blown-film extrusion of thin film, offering high elongation, good optical clarity, and low fish-eye content for demanding thin-gauge film applications.

Typical Application	Product Characteristics	International Compliance
• Thin film • Blown film extrusion	• High elongation at break for toughness in thin-gauge film • Low fish-eye count for consistent film quality • Good clarity suited to thin blown film	• Food-contact hygiene compliance • RoHS

Film Properties

Properties	Test Method	Typical Value	Unit
Haze		14	%
Fish Eyes (≥ 0.8 mm)		8	pcs/1520 cm ²
Fish Eyes (≥ 0.4 mm)		40	pcs/1520 cm ²

Physical Properties

Properties	Test Method	Typical Value	Unit
Melt Flow (190°C/2.16kg)		1.0	g/10 min
Density		0.918	g/cm ³
Tensile Strength (Yield)		8	MPa
Elongation at Break		650	%

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.