

LDPE**LDPE 2426H****LOW DENSITY POLYETHYLENE (LDPE)**

This film-grade low-density polyethylene contains antiblock and slip additives and is designed for a good balance of heat-sealing performance, optical clarity, and processability in low-friction film applications.

Typical Application

- Bags and pouches
- Food packaging film
- Hygiene film
- Liner film
- Shrink film
- General film
- Packaging film

Product Characteristics

- Good heat-seal performance
- Good optical clarity
- Good processability
- Low-friction surface via antiblock and slip additives

Film Properties

Properties	Test Method	Typical Value	Unit
Coefficient of Friction	ISO 8295	< 0.2	
Failure Energy	DIN 53373	4	J/mm
Haze (50 µm film)	ASTM D1003	< 8	%

Physical Properties

Properties	Test Method	Typical Value	Unit
Melt Flow Rate (190°C/2.16kg)	ISO 1133	1.9	g/10 min
Tensile Modulus	ISO 527	160	MPa
Tensile Stress at Yield	ISO 527	11	MPa
Tensile Strength (MD)	ISO 527	25	MPa
Tensile Strength (TD)	ISO 527	21	MPa
Tensile Strain at Break (MD)	ISO 527	250	%
Tensile Strain at Break (TD)	ISO 527	600	%
Vicat Softening Temperature	ISO 306	94	°C
Peak Melting Point	ISO 11357	111	°C

1. This film grade is produced via a high-pressure tubular reactor process technology licensed across multiple major producers of this LDPE grade; the typical values reported here reflect that shared process technology and grade family rather than a certified per-lot analysis.

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.