

LLDPE**LLDPE 7042****LINEAR LOW DENSITY POLYETHYLENE (LLDPE)**

This linear low-density polyethylene blow-film grade is non-toxic and tasteless, with a high softening and melting temperature range. It combines high strength, good toughness, high rigidity, and resistance to both heat and cold.

Typical Application

- Blown film
- Cast film
- Lamination film
- Garment film
- General packaging
- Freezer film
- Institutional can liners
- Produce bags on a roll

Product Characteristics

- Non-toxic, tasteless
- High softening and melting temperature
- High strength and good toughness
- High rigidity
- Heat and cold resistance

Film Properties

Properties	Test Method	Typical Value	Unit
Elongation at Break (MD/TD)	GB/T 1040.3	1200 / 1400	%
Tear Strength (MD/TD)	GB/T 16578.2	220 / 430	g
Dart Drop Impact Strength	GB/T 9639.1	125	g
Light Transmittance	GB/T 2410	92	%
Haze	GB/T 2410	14	%
Gloss	GB/T 8807	49	%

Physical Properties

Properties	Test Method	Typical Value	Unit
Melt Flow Rate	ISO 1133	2	g/10 min
Density	ISO 1183	0.921	g/cm ³
Melting Point	GB/T 19466.3	121	°C
Tensile Strength at Yield (MD/TD)	GB/T 1040.3	10 / 11	MPa
Tensile Stress at Break (MD/TD)	GB/T 1040.3	40 / 33	MPa
Vicat Softening Point	GB/T 1633	96	°C

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.