

LDPE

LDPE 2102TN26

LOW DENSITY POLYETHYLENE (LDPE)

This low-density polyethylene (LDPE) blown-film resin is engineered for general packaging film, offering a balance of melt flow, tensile properties, and optical clarity along with controlled granule quality suited to blown-film extrusion.

Typical Application

- Blown-film packaging
- General packaging film

Product Characteristics

- Low fish-eye content for good film appearance
- Controlled granule quality (low fines, oversize, and tailing content)
- Good optical clarity (low haze)

Physical Properties

Properties	Test Method	Typical Value	Unit
Color Grain and Black Granule Content	SH/T 1541.1	0 (index ≤ 40)	pcs/kg
Snake Skin and Tailing Granules	SH/T 1541.1	2 (index ≤ 40)	pcs/kg
Large and Small Granule Content	SH/T 1541.1	0.4 (index ≤ 10)	g/kg
Melt Flow Rate (190°C/2.16kg)	GB/T 3682.1	2.29 (index 2.40 $\pm$ 0.60)	g/10 min
Density	GB/T 1033.2	0.9196 (index 0.9200 $\pm$ 0.0030)	g/cm ³
Tensile Strength at Break	GB/T 1040.2	11.2 (index ≥ 6.0)	MPa
Nominal Tensile Strain at Break	GB/T 1040.2	484 (index ≥ 150)	%
Fish Eye (0.8mm)	Q/SH 3160 399	5 (index ≤ 8)	pcs/1520 cm ²
Fish Eye (0.4mm)	Q/SH 3160 399	17 (index ≤ 40)	pcs/1520 cm ²
Haze	SH/T 2410	10.2 (index ≤ 15)	%

1. Values shown are typical test results alongside the producer's quality index (specification range) reported by the distributor-hosted certificate-style data sheet.

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.