

LDPE**LDPE 2102TN00****LOW DENSITY POLYETHYLENE (LDPE)**

This low-density polyethylene (LDPE) blown-film resin belongs to a general-purpose film family valued for excellent physical and mechanical performance, good chemical stability and electrical insulation, low permeability to water vapor, and excellent processability. Films produced from this resin exhibit good transparency and aging resistance, making it well suited for general packaging film applications.

Typical Application	Product Characteristics	International Compliance
• Blown-film packaging • General packaging film	• Good chemical stability and electrical insulation • Low permeability to water vapor • Excellent processability • Good film transparency and aging resistance	• Food-contact hygiene compliance • FDA

Physical Properties

Properties	Test Method	Typical Value	Unit
Melt Flow Rate (190°C/2.16kg)		2.40	g/10 min
Density (23°C)		0.920	g/cm ³
Haze		7	%
Tensile Strength		12	MPa
Elongation at Break		550	%

1. Typical values per the producer's published grade table (Synthetic Resin / Polyethylene section); grade-specific certificate of analysis supplied per lot at order.
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.