

LDPE**LDPE 2520D****LOW DENSITY POLYETHYLENE (LDPE)**

2520D is a low-flow, high-melt-strength low-density polyethylene (LDPE) resin for blown-film extrusion of heavy-duty packaging film, combining high elongation and toughness for demanding film applications.

Typical Application

- Heavy-duty packaging film
- Blown film extrusion

Product Characteristics

- High melt strength suited to heavy-gauge film
- High elongation at break for toughness and puncture resistance
- Low melt flow for stable bubble formation on blown-film lines

Film Properties

Properties	Test Method	Typical Value	Unit
Haze		11	%

Physical Properties

Properties	Test Method	Typical Value	Unit
Melt Flow (190°C/2.16kg)		0.3	g/10 min
Density		0.924	g/cm ³
Tensile Strength		11	MPa
Elongation at Break		600	%

1. A separate published reference for this grade lists tensile stress at yield around 12 MPa, reflecting normal test-condition and rounding variance between typical-value data sets.

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.