

LDPE 7918

Low Density Polyethylene



Overview

Star LDPE 7918 is an LDPE resin used for injection molding, general-purpose extrusion coating, and laminating. It can be drawn down to low coating weights, is processable at high speeds, provides a good moisture barrier, and is heat-sealable at low temperatures.

Applications

- Foil
- Food packaging
- Laminating
- Folded cartons

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	7	g/10 min	D 1238
Density (g/cm ³)	0.918	g/cm ³	D 792
Flexural Modulus – 1% Secant	30,000	psi	D882
Elongation at Break	400	%	D882
Tensile Strength at Break	1,500	psi	D882
Peak Melting Point	106	°C	D3418
Vicat Softening Temperature	86	°C	D1525