

# LDPE E25920

## Low Density Polyethylene



### Overview

LDPE E25920 is a high flow, low density polyethylene resin engineered for greater processability, flexibility, and surface appearance. This is a multipurpose resin used for injection molding, compounding, and as a master base resin.

### Applications

- Caps and closures
- Houseware articles
- Labware
- Masterbatch base resin & compounding
- Food packaging containers

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	26	g/10 min	D 1238
Density (g/cm <sup>3</sup> )	0.919	g/cm <sup>3</sup>	D 792
Vicat Softening Temperature	183	°F	D1525
Peak Melting Temperature	230	°F	D1525
Tensile Strength at Yield	1600	psi	D638
Tensile Strength at Break	1100	psi	D638
Elongation at Yield	30	%	D638
Elongation at Break	120	%	D638
Flexural Modulus, 1% Secant	34000	psi	D790
Hardness, Shore A	86		D2240
Hardness, Shore D	42		D2240
Dart Impact, -4 °F	14	ft-lb	D3763
Dart Impact, 73 °F	12	ft-lb	D3763