

LDPE E33920

Low Density Polyethylene



Overview

Good processability

High Flow

Good for making color concentrates

Applications

- Caps and closures
- Houseware articles
- Compounding
- Masterbatch base resin
- Food packaging containers

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	33	g/10 min	D 1238
Density (g/cm ³)	0.921	g/cm ³	D 792
Vicat Softening Temperature	196	°F	D1525
Peak Melting Temperature	230	°F	
Tensile Strength at Yield	1800	psi	D638
Tensile Strength at Break	1200	psi	D638
Elongation at Yield	20	%	D638
Elongation at Break	130	%	D638
Flexural Modulus, 1% Secant	36000	psi	D790
Hardness, Shore A	81		D2240
Hardness, Shore D	49		D2240
Dart Impact, -4 °F	18	ft-lb	D3763
Dart Impact, 73 °F	12	ft-lb	D3763

This material does not contain additives.