LDPE E25920

Low Density Polyethylene

StarResin

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 190°C/2.16 kg)	26	g/10 min	D 1238
Density (g/cm³)	0.919	g/cm³	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

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility. User must make their own decisions regarding its suitability for their equipment and final products.