

LDPE LDM 726

Low Density Polyethylene



Overview

LDPE LDM 726 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

- Housewares
- Overcaps
- Closures
- Labware
- Food packaging containers

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	26	g/10 min	D 1238
Density (g/cm ³)	0.919	g/cm ³	D 792
Vicat Softening Temperature	183	°F	D1525
Tensile Strength at Yield	2000	psi	D882
Tensile Strength at Break	1000	psi	D638
Elongation at Yield	30	%	D882
Elongation at Break	120	%	D638
Flexural Modulus - 1% Secant	34000	psi	D790
Hardness, Shore A	86		D2240
Hardness, Shore D	42		D2240
Instrumented Dart Impact (- 4°F / -73°F)	14 / 12		D3763

Additives: No Slip, No Antiblock