

LDPE LDM 733

Low Density Polyethylene



Overview

LDPE LDM 733 is a high flow, low density PE homopolymer resin with good processability. It is designed for use in making color concentrates and injection molded items.

Applications

- Caps
- Closures
- Compounding
- Food packaging containers
- Houseware articles
- Injection molding
- Masterbatch base resin

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
Tensile Strength at Yield	2000	psi	D882
Tensile Strength at Break	1000	psi	D638
Elongation at Yield	20	%	D882
Elongation at Break	130	%	D638
Flexural Modulus - 1% Secant	36000	psi	D790
Hardness, Shore A	81		D2240
Hardness, Shore D	49		D2240
Instrumented Dart Impact (- 4°F / -73°F)	16 / 12		D3763

Additives: No Slip, No Antiblock