

# LDPE LDM 740-S

Low Density Polyethylene



## Overview

LDPE LDM 740-S is a high melt index, low density polyethylene resin engineered for injection molding and compounding applications that require high flow. This is an ideal resin for tear-to-open closures.

## Applications

- Caps
- Closures
- Compounding
- Injection molding
- Masterbatch base resin
- Viscosity modifier

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	40	g/10 min	D 1238
Density (g/cm <sup>3</sup> )	0.922	g/cm <sup>3</sup>	D 792
Vicat Softening Temperature	187	°F	D1525
Tensile Strength at Yield	2000	psi	D882
Tensile Strength at Break	1000	psi	D638
Elongation at Yield	30	%	D882
Elongation at Break	110	%	D638
Flexural Modulus - 1% Secant	41000	psi	D790
Hardness, Shore A	88		D2240
Hardness, Shore D	43		D2240
Instrumented Dart Impact (- 4°F / -73°F)	16 / 14		D3763

Additives: Slip