

LDPE LDM 790

Low Density Polyethylene



Overview

LDPE LDM 790 is a low density polyethylene resin designed for tubular processing. This resin offers an excellent balance of processability and end use performance.

Applications

- Injection molding
- Compounding
- Industrial coatings

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	9.5	g/10 min	D 1238
Density (g/cm ³)	0.919	g/cm ³	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	200	%	D638
Flexural Modulus - 1% Secant	34000	psi	D790
Hardness, Shore A	99		D2240
Hardness, Shore D	42		D2240
Instrumented Dart Impact (- 4°F / -73°F)	17 / 13		D3763

Additives: No Slip, No Antiblock