



MARPOL
LDM 790
 Low Density Polyethylene



PRODUCT DATA SHEET

PROPERTY	VALUE	ASTM
Melt Index (190°C/2.16kg) (g/10 min)	9.5	D 1238
Density (g/cm ³)	0.919	D 1505
Vicat Softening Temperature (°F)	187	D 1525
Tensile Strength at Yield (psi)	2000	D 638
Tensile Strength at Break (psi)	1000	D 638
Elongation at Yield (%)	30	D 638
Elongation at Break (%)	200	D 638
Flexural Modulus - 1% Secant (psi)	34000	D 790
Hardness, Shore A	99	D 2240
Hardness, Shore D	42	D 2240
Instrumented Dart Impact , - 4 °F (ft-lb)	17	D 3763
- 73 °F (ft-lb)	13	

Additives: No Slip, No Antiblock

Recommended Applications

Injection molding, compounding, and industrial coatings

Description

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

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.