



**MARPOL**  
**LDM 733**  
Low Density Polyethylene



# PRODUCT DATA SHEET

PROPERTY	VALUE	ASTM
Melt Index, 190°C/2.16kg (g/10 min)	33	D 1238
Density (g/cm <sup>3</sup> )	0.921	D 1505
Vicat Softening Temperature (°F)	196	D 1525
Tensile Strength at Yield (psi)	2000	D 638
Tensile Strength at Break (psi)	1000	D 638
Elongation at Yield (%)	20	D 638
Elongation at Break (%)	130	D 638
Flexural Modulus - 1% Secant (psi)	36000	D 790
Hardness, Shore A	81	D 2240
Hardness, Shore D	49	D 2240
Instrumented Dart Impact , - 4 °F (ft-lb)	16	D 3763
- 73 °F (ft-lb)	12	

**Additives:** No Slip, No Antiblock

#### Recommended Applications

Caps, closures, compounding, food packaging containers, houseware articles, injection molding and masterbatch base resin.

#### Description

MARPOL® 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.

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.