



**MARPOL**  
**LDF 701-B**  
 Low Density Polyethylene



# PRODUCT DATA SHEET

PROPERTY		VALUE	ASTM
Melt Index, 190°C/2.16kg (g/10 min)		.70	D 1238
Density (g/cm <sup>3</sup> )		0.924	D 1505
Peak Melting Temperature (°F)		235	
Tensile Strength at Yield (psi)	MD	1600	D 882
	TD	1700	
Tensile Strength at Break (psi)	MD	3700	D 882
	TD	3200	
Elongation at Break (%)	MD	130	D 882
	TD	540	
Secant Modulus - 1% Secant (psi)	MD	34000	D 882
	TD	42000	
Dart Drop Impact (g)		160	D 1790A
Elmendorf Tear Strength (g)	MD	510	D 1922
	TD	140	
Gloss (45°)		57	D 2457
Haze (%)		9.6	D 1003

**Additives**

Antiblock

**Recommended Applications**

Bread bags, co-extrusion films, collation shrink, diaper backsheets, foams, high performance collation, shrink, hygiene packaging, label film, laminating film and overwrap paper and film.

**Description**

MARPOL® LDF 701-B is a homopolymer film resin with great clarity and stiffness. Film made from this resin may be used in overwrap applications and in push-through type packaging equipment.

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.