



**MARPOL**  
**LDF 710**  
Low Density Polyethylene



**PRODUCT DATA SHEET**

PROPERTY		VALUE	ASTM
Melt Index, 190°C/2.16kg (g/10 min)		1.1	D 1238
Density (g/cm <sup>3</sup> )		0.919	D 1505
Peak Melting Temperature (°F)		226	
Tensile Strength at Yield (psi)	MD TD	1600 1500	D 882
Tensile Strength at Break (psi)	MD TD	4200 3500	D 882
Elongation at Break (%)	MD TD	150 580	D 882
Secant Modulus - 1% Secant (psi)	MD TD	29000 37000	D 882
Dart Drop Impact (g)		140	D 1790A
Elmendorf Tear Strength (g)	MD TD	340 70	D 1922
Gloss (45°)		50	D 2457
Haze (%)		11	D 1003

**Recommended Applications**

Agricultural film, blend partner, co-extrusion films, form fill packaging, seal packaging, freezer film, liners, medium duty shrink film and rubber bale wrap.

**Description**

MARPOL® LDF 710 is a homopolymer industrial film resin with great toughness. This resin has a low melt index for good impact strength and melt strength over a range of gauges.

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.