

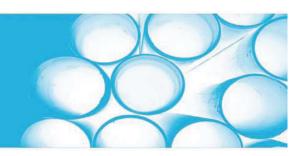
**MARPOL LL4F 801** is butene LLDPE blown film resin. It has good drawdown and films produced from this resin exhibit excellent toughness and tensile properties.

Typical Value	Typical Value (SI)	Test Method
1 g/10 min	1 g/10 min	ASTM D 1238
0.919 g/cm³	0.919 g/cm³	ASTM D 1505
250 °F	121 °C	ASTM D 3418
210 °F	99 °F	ASTM D 1525
	1 g/10 min 0.919 g/cm³ 250 °F	1 g/10 min 1 g/10 min  0.919 g/cm³ 0.919 g/cm³  250 °F 121 °C

Film Properties	Typical Value	Typical Value (SI)	Test Method
Dart Drop Impact	145 g	145 g	ASTM D 1709
Elmendorf Tear Strength MD TD	80 g 400 g	80 g 400 g	ASTM D 1922
Tensile Strength at Break MD TD	4900 psi 3600 psi	33 MPa 25 MPa	ASTM D 882
Tensile Strength at Yield MD TD	1800 psi 1500 psi	12 MPa 10 MPa	ASTM D 882
Elongation at Break MD TD	580 % 850 %	580 % 850 %	ASTM D 882

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee as conditions and methods of use are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.





Film Properties	Typical Value	Typical Value (SI)	Test Method
1% Secant Modulus MD TD	29000 psi 31000 psi	200 MPa 210 MPa	ASTM D 882
Haze	15 %	15 %	ASTM D 1003
Gloss (45°)	45	45	ASTM D 2457

## Recommended application:

blown film, agricultural film, food packaging, bread bags, general packaging, lamination film, trash bags, barrier food packaging, heavy duty bags, industrial packaging, multilayer packaging film, shoppers, ice bags, freezer film.

## Additives:

Antiblock - no, Slip - no.

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