



## LINEAR LOW DENSITY POLYETHYLENE

### BAPOLENE® GRADE LL222B FILM RESIN

**Description:** Bapolene LL222B is a general purpose LLDPE butene copolymer for blown film extrusion or cast film applications. It does not contain slip or antiblock additives. This resin offers excellent tensile and toughness properties. This product meets FDA standards for food contact applications.

**Application:** Stretch wrap, produce bags, trash bags, drum and box liners.

<u>General Properties</u>	<u>Value</u>	<u>ASTM Test Method</u>
Melt Index <sup>1</sup> , g/10 min.	2.0	D-1238
Density, g/cm <sup>3</sup>	0.918	D-1505
<b><u>Film Properties</u><sup>2</sup></b>		
Haze, %	20	D-1003
Gloss at 45°, Gardner Rating	38	D-2457
Elemendorf Tear, g/mil		
Machine Direction(MD)	170	D-1922
Transverse Direction (TD)	420	D-1922
Tensile Strength <sup>3</sup> @ Yield, psi		
MD	1,300	D-882
TD	1,420	D-882
Tensile Strength <sup>3</sup> @ Break, psi		
MD	3,900	D-882
TD	3,000	D-882
Elongation <sup>3</sup> @ Break, %		
MD	580	D-882
TD	800	D-882
Secant Modulus of Elasticity <sup>4</sup> , psi		
MD	29,000	D-882
TD	35,000	D-882
Dart Impact, 26 in, g	83	D-1709,A
Melt Temperature, °C	199-227	-----

<sup>1</sup> 190°C/2160 g

<sup>2</sup> Film thickness: 1.5 mil (0.0375 mm) ; 2:1 Blow Up Ratio

<sup>3</sup> 10 in/min

<sup>4</sup> @ 0.1 mm/mm-min Initial Strain Rate

(5/25/97)



**BAMBERGER POLYMERS INTERNATIONAL CORP.**

Two Jericho Plaza, Jericho, New York, 11753, U.S.A. / Tel: 516-622-3600 / Fax: 516-622-3620

*Bamberger Polymers International Corp., does not guarantee the applicability or the accuracy of the information contained herein, nor the suitability of the products described herein for any particular purpose. No warranties of any kind, either express or implied, are made with respect to the products described herein or with respect to the use of the products described herein. The user assumes all risk and liabilities in connection with such usage.*