



# BAPOLENE®

## LOW DENSITY POLYETHYLENE

### BAPOLENE® 200B FILM EXTRUSION

**Description:** Bapolene® 200B is a low density polyethylene for blown film applications requiring superior clarity. It complies with US FDA 21CFR177.1520.

**Application:** General purpose, bakery, flexible, medical and industrial packaging.

*Values reported are typical and should not be interpreted as specification.*

GENERAL PROPERTIES	NOMINAL VALUE	ASTM TEST METHOD
Melt Index <sup>1</sup> , g/10 min.	1.70	D-1238
Density, g/cm <sup>3</sup>	0.920	D-4883
<b>FILM PROPERTIES<sup>2</sup></b>		
Haze, %	< 8	D-1003
Dart Impact F <sub>50</sub> , g	95	D-1709
Elmendorf Tear, g		
MD	360	D-1922
TD	130	D-1922
Tensile Strength @ Break, psi, (MPa)		
MD	3,500 (24)	D-882
TD	2,700 (19)	D-882
1% Secant Modulus, psi, (MPa)		
MD	28,000 (193)	D-882
TD	31,000 (214)	D-882
Elongation @ Break, %		
MD	300	D-882
TD	500	D-882

<sup>1</sup> 190°C/2,160 g

<sup>2</sup> Film thickness: 1.5 mil; 2.5:1 BUR

THIS PRODUCT DATA SHEET EFFECTIVE JUNE 2009 SUPERSEDES ALL DATA PREVIOUSLY PUBLISHED

#### BAMBERGER POLYMERS

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