

# Bapolene® 200B

Low Density Polyethylene

Bamberger Polymers, Inc.

## Message:

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

General Information			
Features	Food Contact Acceptable		
	High Clarity		
Uses	Film		
	Food Packaging		
	General Purpose		
	Industrial Applications		
	Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Blown Film		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.7	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
1% Secant, MD	193	MPa	
1% Secant, TD	214	MPa	
Tensile Strength			ASTM D882
MD : Break	24.0	MPa	
TD : Break	19.0	MPa	
Tensile Elongation			ASTM D882
MD : Break	300	%	
TD : Break	500	%	
Elmendorf Tear Strength			ASTM D1922
MD	360	g	
TD	130	g	
Dart Drop Test	931.6	kN/m	ASTM D1709
Optical	Nominal Value	Unit	Test Method
Haze	< 8.0	%	ASTM D1003

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