

Bapolene® 222B

Low Density Polyethylene

Bamberger Polymers, Inc.

Message:

Bapolene 222B is a butene linear low density polyethylene for blown film applications requiring superior impact strength and toughness. It complies with US FDA 21CFR177.1520.

General Information			
Features	Butene Comonomer		
	Food Contact Acceptable		
	Good Toughness		
	High Impact Resistance		
Uses	Bags		
	Film		
	Industrial Applications		
	Liners		
	Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)	2.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
1% Secant, MD	172	MPa	
1% Secant, TD	190	MPa	
Tensile Strength			ASTM D882
MD : Break	27.0	MPa	
TD : Break	19.0	MPa	
Tensile Elongation			ASTM D882
MD : Break	600	%	
TD : Break	700	%	
Dart Drop Impact	65	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	110	g	
TD	410	g	

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