



BAPOLENE®

LINEAR LOW DENSITY POLYETHYLENE

BAPOLENE® 122B FILM EXTRUSION

Description: Bapolene® 122B is a *butene* linear low density polyethylene for blown film applications requiring superior impact strength and toughness. It complies with US FDA 21CFR177.1520¹.

Application: General packaging, garment bags, industrial packaging, and liners.

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

GENERAL PROPERTIES	NOMINAL VALUE	ASTM TEST METHOD
Melt Index ¹ , g/10 min.	1.0	D-1238
Density, g/cm ³	0.918	D-1505

FILM PROPERTIES³

Dart Impact _{F50} , g	80	D-1709
Elmendorf Tear, g		
MD	100	D-1922
TD	300	D-1922
Tensile Strength @ Break, psi, (MPa)		
MD	4,600 (32)	D-882
TD	4,500 (31)	D-882
1% Secant Modulus, psi, (MPa)		
MD	27,000 (186)	D-882
TD	28,000 (193)	D-882
Elongation @ Break, %		
MD	375	D-882
TD	> 600	D-882

¹ End use and/or migration limitations may apply.

² 190°C/2,160 g

³ Film thickness: 1.0 mil; 2.5:1 BUR

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

BAMBERGER POLYMERS

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