



BAPOLENE®

LOW DENSITY POLYETHYLENE

BAPOLENE® 200F FILM EXTRUSION

Description: Bapolene® 200F is a low density polyethylene for blown film applications requiring superior clarity and impact strength. It contains slip and antiblocking additives, and complies with US FDA 21CFR177.1520.

Application: Flexible packaging, medium duty produce and bakery bags.

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

GENERAL PROPERTIES	NOMINAL VALUE	ASTM TEST METHOD
Melt Index ¹ , g/10 min.	2.0	D-1238
Density, g/cm ³	0.921	D-4883
Additives, ppm TARGET		
Slip	700	
Antiblock	1,300	
FILM PROPERTIES²		
Haze, %	< 8	D-1003
Dart Impact F ₅₀ , g	85	D-1709
Elmendorf Tear, g		
MD	280	D-1922
TD	160	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	29,000 (200)	D-882
TD	32,000 (221)	D-882
Elongation @ Break, %		
MD	250	D-882
TD	500	D-882

¹ 190°C/2,160 g

² Film thickness: 1.5 mil; 2 - 2.4:1 BUR

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

BAMBERGER POLYMERS

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