



BAPOLENE®

LOW DENSITY POLYETHYLENE

BAPOLENE® 105F FILM EXTRUSION

Description: Bapole® 105F is a low density polyethylene for blown film applications. It contains an antiblocking additive and complies with US FDA 21CFR177.1520.

Application: Heavy duty packaging.

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

GENERAL PROPERTIES	NOMINAL VALUE	ASTM TEST METHOD
Melt Index ¹ , g/10 min.	0.25	D-1238
Density, g/cm ³	0.920	D-792
Additives, ppm TARGET		
Antiblock	4,000	

FILM PROPERTIES²

Dart Impact F ₅₀ , g	220	D-1709
Elmendorf Tear, g		
MD	260	D-1922
TD	190	D-1922
Tensile Strength @ Break, psi, (MPa)		
MD	3,200 (22)	D-882
TD	2,800 (19)	D-882
Elongation @ Break, %		
MD	290	D-882
TD	480	D-882

¹ 190°C/2,160 g

² Film thickness: 2 mil; 2.5:1 BUR

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

BAMBERGER POLYMERS

Two Jericho Plaza, Jericho, New York, 11753, U.S.A. / Tel: 516-622-3600 / Fax: 516-622-3620 / Email: bpinfo@bapoly.com

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