

Bapolene® 108A

Low Density Polyethylene
Bamberger Polymers, Inc.

Message:

This resin is a low density polyethylene for blown film applications and contains an antiblock additive. This product meets US FDA 21 CFR 177.1520.

General Information			
Additive	Anti-caking agent (2500 ppm)		
Features	Low density		
	Anti-caking property		
	Compliance of Food Exposure		
Uses	Blown Film		
	Packaging		
	Films		
	General		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Blow film		
Physical	Nominal Value	Unit	Test Method
Density	0.925	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.80	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	38	µm	
secant modulus			ASTM D882
1% secant, MD	179	MPa	ASTM D882
1% secant, TD	221	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Fracture	29.6	MPa	ASTM D882
TD: Fracture	22.8	MPa	ASTM D882
Dart Drop Impact ¹	120	g	ASTM D1709
Optical	Nominal Value	Unit	Test Method
Haze	7.0	%	ASTM D1003
NOTE			
1.	F50		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

