

Bapolene® 270F

Low Density Polyethylene

Bamberger Polymers, Inc.

Message:

This resin is a low density polyethylene for blown film applications requiring superior clarity. It contains slip and antiblock additives. This product meets US FDA 21 CFR 177.1520. .

General Information			
Additive	Anti-caking agent (1600 ppm)		
	Slip agent (725 ppm)		
Features	Low density		
	smoothness		
	Anti-caking property		
	Definition, high		
	Compliance of Food Exposure		
Uses	Blown Film		
	Packaging		
	Films		
	Bags		
	Food packaging		
	General		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Blow film		
Physical	Nominal Value	Unit	Test Method
Density	0.922	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.3	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	179	MPa	ASTM D882
1% secant, TD	221	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Fracture	24.8	MPa	ASTM D882
TD: Fracture	18.6	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	250	%	ASTM D882
TD: Fracture	700	%	ASTM D882
Dart Drop Impact	95	g	ASTM D1709

Optical	Nominal Value	Unit	Test Method
Haze	5.0	%	ASTM D1003

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Recommended distributors for this material

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