

Favorite BI523

Polyethylene Alloy

Favorite Plastics

Message:

Favorite BI523 is a Polyethylene Alloy (PE Alloy) product. It can be processed by film extrusion and is available in North America. Applications of Favorite BI523 include film, food contact applications and packaging. Primary characteristic: eco-friendly/green.

General Information			
Features	Biodegradable		
Uses	Film		
	Food Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Film		
Processing Method	Film Extrusion		
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction (vs. Itself - Static)	0.14		ASTM D1894
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	43	μm	
Tensile Strength - MD			ASTM D882
Yield	14.5	MPa	
Break	17.2	MPa	
Tensile Elongation - MD (Break)	560	%	ASTM D882
Dart Drop Impact	70	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	390	g	
TD	630	g	
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	54		ASTM D2457
Haze	23	%	ASTM D1003

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