

FOILMET® BOPP

METALLIZED POLYPROPYLENE FILM

Typical Values

Metal One Side, Heat Sealable Other Side

A metallized bi-axially oriented polypropylene film exhibiting good metal adhesion and bright foil appearance. It provides consistently good handling properties and heat sealability and features superior WVTR properties.

Properties	Typical Values		Units	Test Method
Thickness	0.60	0.70	Mil µm	
	15	18		
Yield	51,800	44,000	in ² /lb	
Tensile Strength	MD	17,000	psi	ASTM D882
	TD	30,000		
Secant Modulus	MD	250,000	psi	ASTM D882
	TD	450,000		
Elongation at Break	MD	190	%	ASTM D882
	TD	70		
Dimensional Stability	MD	< 5	%	5 min, 266 ° F
	TD	< 3		
Heat Seal Initiation	220 - 300		°F	0.5 sec., 30 psi
Optical Density	2.0		Tobias	CMP OD-1
Light Transmission	< 1.0		%	
WVTR	< 0.01		g/100in ² /24 hr.	ASTM F-1249 (100° F, 90% RH)
OTR	< 3.0		cc/100in ² /24 hr.	ASTM D-3985 (73.4° F, 50% RH)
Metal Adhesion	250		g/in	CMP MA-1

The polypropylene side is compliant with the regulation FDA 21 CFR 177.1520 (c) (1.1) and (3.1)

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