

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, as well as superior WVTR properties.

Properties	Typical Values		Units	Test Method
Thickness	0.60 15	0.70 18	mil µm	
Yield	51,800	44,000	in ² /lb	
Tensile Strength	MD TD	17,000 30,000	psi	ASTM D882
Secant Modulus	MD TD	250,000 450,000	psi	ASTM D882
Elongation at Break	MD TD	190 70	%	ASTM D882
Dimensional Stability	MD TD	< 5 < 3	%	5 min, 266 ° F
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 complies with the regulation FDA 21 CFR 177.1520 (c) (1.1) and (3.1)

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