

FOILMET® BOPP 70g

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 Value	Units	Test Method
Yield	44,000	in ² /lb	
Thickness	0.70 18	Mil µm	
Tensile Strength	17,000 MD 30,000 TD	Psi	ASTM D882
Tensile Modulus	250,000 MD 450,000 TD	Psi	ASTM D882
Elongation	190 MD 70 TD	%	ASTM D882
Optical Density	2.0	Macbeth	CMP OD-1
Light Transmission	< 1.0	%	
Shrinkage (Air oven)	< 5 MD < 3 TD	%	5 min, 266 ° F
Heat Seal Range	220-300	° F	0.5 s/ 30 psi
Coefficient of Friction (f/f)	Kinetic Static	0.4 0.7	ASTM D1894
WVTR	0.01	g/100in ² /24 hr	ASTM E-398 (100° F, 90% RH)
OTR	< 3	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 in compliance with the regulation FDA 21 CFR 177.1520 (c) (1.1) and (3.1)

The information and opinions herein are believed to be true and accurate and presented without guarantee or responsibility on our part. No recommendation for use of our product is intended as a patent infringement. No warranty of any kind with respect to patents held by others is implied or intended.