

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 seal strength, as well as superior WVTR properties.

Properties	Typical Values		Units	Test Method
Thickness	15	18	µm	
Yield	73,6	62,6	m ² /kg	
Tensile Strength	MD TD	117,2 206,8	N/mm ²	ASTM D882
Secant Modulus	MD TD	1723,7 3102,6	N/mm ²	ASTM D882
Elongation at Break	MD TD	190,0 70,0	%	ASTM D882
Dimensional Stability	MD TD	< 5,0 < 3,0	%	5 min, 510 °C
Heat Seal Initiation	105-115		°C	0.5 sec., 200 kPa
Optical Density	2,0		Tobias	CMP OD-1
Light Transmission	< 1,0		%	
WVTR	< 0,16		g/m ² /24 hr	ASTM F-1249 (37,8° C, 90% RH)
OTR	< 46,5		cc/m ² /24 hr	ASTM D-3985 (73.4° F, 50% RH)
Metal Adhesion	2,5		N/25mm	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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