

FOILMET™ BOPP 18µm 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	62,6	m ² /kg	
Thickness	18	µm	
Tensile Strength	117,2 MD 206,8 TD	N/mm ²	ASTM D882
Tensile Modulus	1723,7 MD 3102,6 TD	N/mm ²	ASTM D882
Elongation	190 MD 70 TD	%	ASTM D882
Optical Density	2,1min	Macbeth	CMP OD-1
Light Transmission	< 1,0	%	
Shrinkage (Air oven)	< 5 MD <3 TD	%	5 min, 130 °C
Heat Seal Range	105-150	°C	0.5 s/ 30 psi
WVTR	0,16	g/m ² /24 hr	ASTM E-398 (37,8°C, 90% RH)
OTR	< 46,5	cc/m ² /24 hr	ASTM D-3985 (23°C, 50% RH)
Metal Adhesion	2,5	N/25mm	CMP MA-1

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

The metallized side is FDA approved for indirect food contact.

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