

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

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