

CEL-MET™ BOPP 18µm METALLIZED POLYPROPYLENE FILM

Typical Values Metal One Side, Heat Sealable Other Side

A metallized co-extruded bi-axially oriented polypropylene with the following features:

- _ Wide seal range
- _ Good hot tack
- _ Excellent web flatness
- _ Superior metal adhesion and resistance to “crazing” from extrusion lamination
- _ Outstanding light and moisture barrier

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	2,0	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	< 0,5	g/m ² /24 hr	ASTM E-398 (37,8°C, 90% RH)
OTR	< 65	cc/m ² /24 hr	ASTM D-3985 (23°C, 50% RH)

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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