

CEL-MET™ BOPP 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 Values		Units	Test Method
Thickness	15	18	μm	
Yield	73,7	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 70	%	ASTM D882
Dimensional Stability	MD TD	< 5 < 3	%	5 min, 130 ° C
Heat Seal Initiation	105 - 115		°C	0.5 sec., 200kPA
Optical Density	2.0		Tobias	CMP OD-1
Light Transmission	< 1,0		%	
WVTR	< 0,5		g/m ² /24 hr	ASTM F-1249
OTR	< 65,0		cc/m ² /24 hr	ASTM D-3985 (73.4° F, 50% RH)

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

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