

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	0.60	0.70	Mil	
	15	18	µm	
Yield	51,800	44,000	in ² /lb	
Heat Seal Initiation	220		°F	½ sec., 30 psi
Tensile Strength	17,000	MD	Psi	ASTM D882
	30,000	TD		
Elongation at Break	190	MD	%	ASTM D882
	70	TD		
Tensile Modulus	250,000	MD	Psi	ASTM D882
	450,000	TD		
Dimensional Stability	< 5	MD	%	5 min, 266 ° F
	< 3	TD		
Optical Density	2.0		Tobias Densitometer	CMP OD-1
Light Transmission	< 1.0		%	
WVTR	< 0.03		g/100in ² /24 hr.	ASTM D1894
OTR	< 4		cc/100in 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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