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## 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

**SKIN LAYER: Metal Receptive Polymer**

**CORE LAYER: Homopolymer Core**

**SKIN LAYER: Untreated Broad Range Sealable Polymer**

Properties	Unit	Testing Method		Typical Value
Thickness	mil			0.70
Yield	sq. in/lb			44,000
Optical Density	%	Macbeth Densitometer		2.1 min.
Light Transmission	%	ASTM D1003-61		<1.0
Tensile Strength	PSI	ASTM D882	MD TD	17,000 30,000
Secant Modulus	PSI	ASTM D882	MD TD	250,000 450,000
Elongation	%	ASTM D882	MD TD	190 70
Shrinkage (air oven)	%	5 min. 266° F	MD TD	3 – 4 1.5 – 2.0
Heat Seal Range	Deg. F	1-2 sec. 30 PSI		210-300
Water Vapor Transmission	g/100in <sup>2</sup> / 24 hrs	ASTM F1249 100° F, 100% RH		<0.03
Oxygen Transmission	cc/100in <sup>2</sup> /24 hrs	ASTM D3985 72° F 0% RH		< 4
Metal to OPP Bond Strength	g/in.	CMP MA-1		> 400

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