

## **CEL-MET™ BOPP 60g** **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
<b>Yield</b>	51,800	in <sup>2</sup> /lb	
<b>Thickness</b>	0.60 15	Mil µm	
<b>Tensile Strength</b>	17,000 MD 30,000 TD	Psi	ASTM D882
<b>Tensile Modulus</b>	250,000 MD 450,000 TD	Psi	ASTM D882
<b>Elongation</b>	190 MD 70 TD	%	ASTM D882
<b>Optical Density</b>	2.0	Macbeth	CMP OD-1
<b>Light Transmission</b>	< 1.0	%	
<b>Shrinkage (Air oven)</b>	< 5 MD < 3 TD	%	5 min, 266 ° F
<b>Heat Seal Range</b>	220-300	° F	0.5 s/ 30 psi
<b>WVTR</b>	< 0.03	g/100in <sup>2</sup> /24 hr.	ASTM E-398 (100° F, 90% RH)
<b>OTR</b>	< 4	cc/100in <sup>2</sup> /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)

The metallized side is FDA approved for indirect food contact.

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