



## **ENVIROMET™ PLA 100 g** **HIGH BARRIER METALLIZED POLY(LACTIC ACID) FILM**

### **Typical Values** **Metal One Side, No Treat Other Side**

A metallized bi-axially oriented PLA film, made from a renewable resource: corn. Good handling and excellent barrier properties. Excellent surface brightness and metal adhesion.

<b>Properties</b>	<b>Typical Value</b>	<b>Units</b>	<b>Test Method</b>
Yield	22,100	in <sup>2</sup> /lb	
Standard Gauge	1.0	mil	
Optical Density	2.0 min.	Macbeth	CMP OD-1
Light Transmission	<1.0	%	
MVTR	0.2	g/100in <sup>2</sup> /24 hr.	ASTM E-398 (100° F, 90% RH)
OTR	0.4	cc/100in <sup>2</sup> /24 hr.	ASTM D-3985 (73.4° F, 50% RH)
Metal Adhesion	500	g/in	CMP MA-1
Ultimate Tensile Strength	8,000 MD 8,000 TD	psi	ASTM D882
Base Film Compostability	Passed	-	ASTM D6400

The non-metallized side is FDA approved for direct food contact. Film-to-film heat seals provide film destruct bonds.

The metallized side is FDA approved for indirect food contact.

For more information, visit us at <http://cmp.celplast.com>.

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