

## ENVIROMET™ 20µm

### HIGH BARRIER METALLIZED POLY(LACTIC) ACID FILM

#### Typical Values

**Metal One Side, No Treat Other Side**

A metallized EarthFirst® PLA film, made from a renewable resource: plants. Good handling and excellent barrier properties. Excellent surface brightness and metal adhesion.

Properties	Typical Value	Units	Test Method
<b>Yield</b>	39,3	m <sup>2</sup> /kg	
<b>Thickness</b>	20	µm	
<b>Optical Density</b>	2,0	Macbeth	CMP OD-1
<b>Light Transmission</b>	< 1,0	%	
<b>Coefficient of Friction</b>	0,45 Kinetic 0,55 Static	-	ASTM D1894
<b>WVTR</b>	3,1	g/m <sup>2</sup> /24 hr	ASTM E-398 (37,8°C, 90% RH)
<b>OTR</b>	6,2	cc/m <sup>2</sup> /24 hr	ASTM D-3985 (23°C, 50% RH)
<b>Metal Adhesion</b>	4,0	N/25mm	CMP MA-1
<b>Ultimate Tensile Strength</b>	55,2 MD 55,2 TD	N/mm <sup>2</sup>	ASTM D882
<b>Base Film Compostability</b>	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.

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This product is made using:

