

## ENVIROMET<sup>®</sup> BOPLA METALLIZED POLY(LACTIC) ACID FILM Typical Values

Metal One Side, Heat Sealable Other Side

A metallized bi-axially oriented PLA film, made from renewable resources. Good handling and barrier properties for use in many packaging applications. This film exhibits excellent surface brightness. Gauges available from 80GA to 200GA. The material is BPI certified.

Properties	Typical Value	Units	Test Method
Yield	40,35	m <sup>2</sup> /kg	
Thickness	20	µm	
Optical Density	2,0	Tobias	CMP OD-1
Light Transmission	< 1,0	%	
Coefficient of Friction	0,55	-	ASTM D1894
WVTR	4,65	g/m <sup>2</sup> /24 hr	ASTM E-398 (37,8°C, 90% RH)
OTR	7,75	cc/m <sup>2</sup> /24 hr	ASTM D-3985 (23°C, 50% RH)
Ultimate Tensile Strength	62,5 MD 103,5 TD	N/mm <sup>2</sup>	ASTM D882
Heat Seal Initiation Temperature	160	°F	
Base Film Compostability	Passed		ASTM D6400

The non-metallized side is FDA approved for direct food contact.

For further information please see <http://www.celplast.com/product-type/sustainability/>

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