



ENVIROMET® HS PLA
METALLIZED POLYLACTIC ACID FILM
Typical Values (Metric)
Metal One Side, Heat Sealable Other Side

A metallized, bi-axially oriented, heat sealable PLA film, made from renewable resources. Good handling and barrier properties for use in many packaging applications including printing and lamination. This film exhibits excellent surface brightness. The material is BPI certified.

Gauges available: from 20 micron to 40 micron.

Properties		Typical Value			Units	Test Method
Thickness		20	25	40	µm	
Yield		40,4	32,1	20,2	m ² /kg	
Tensile Strength	MD	62,0			N/mm ²	ASTM D882
	TD	103,0				
Optical Density		2,0				CMP OD-1
Light Transmission		<1,0			%	
WVTR		4,65			g/m ² /24 hr	ASTM F-1249 (37,8°C, 90% RH)
OTR		7,75			cc/m ² /24 hr	ASTM D-3985 (23°C, 50% RH)
Seal Strength		5,0			N/25mm	
Heat seal initiation Temperature		70			°C	
Base Film Compostability		Passed				ASTM D-6400

This product may be safely used as components of articles that directly contact food, in strictest accordance and subject to the limitations as set forth under conditions of use B through G, as described in Table 2 of 21 CFR 176.170 (c).

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