



ENVIROMET® HS PLA
METALLIZED POLYLACTIC ACID FILM
Typical Values (Imperial)
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 80GA to 160GA.

Properties		Typical Value			Units	Test Method
Thickness		0.80	1.0	1.60	mil	
Yield		28,375	22,700	14,200	in ² /lb	
Tensile Strength	MD	9,000			psi	ASTM D882
	TD	15,000				
Optical Density		2.0				CMP OD-1
Light Transmission		<1.0			%	
WVTR		0.3			g/100in ² /24 hr.	ASTM F-1249 (100° F, 90% RH)
OTR		0.5			cc/100in ² /24 hr.	ASTM D-3985 (73.4° F, 50% RH)
Seal Strength		500			g/in	
Heat seal initiation Temperature		160			° F	
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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