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DURAMET® HS BOPLA

METALLIZED POLY(LACTIC) ACID FILM

DEVELOPMENTAL DATA SHEET

Metal One Side, Heat Sealable Other Side

A metallized and top-coated, 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 Values			Units	Test Method
Thickness	0.80 20	1.0 25	1.60 40	Mil µm	
Yield	27,312	21,850	13,656	in²/lb	
Optical Density	2.0			Tobias Densitometer	CMP OD-1
Light Transmission	< 1.0			%	
Coefficient of Friction	0.5			-	ASTM D1894
Tensile Strength	9,000 MD 15,000 TD			psi	ASTM D882
Seal Strength	500			g/in	
Heat Seal Initiation Temperature	160			◦F	
WVTR	0.06			g/100in²/24 hr	ASTM E-398 (100º F, 90% RH)
OTR	0.30			cc/100in2/24 hr.	ASTM D-3985 (73.4º F, 50% RH)
Base Film Compostability	Passed				ASTM D6400

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). However, due to the relatively low softening point we recommend the use of ENVIROMET only under conditions of E through G. All of these applications are without limitation to those described in Table 1 of 21 CFR 176.170 (c).

December 2020