

Feed THE Earth



COMPOST IT!

		HOME	INDUSTRIAL
Films	Inks	✓	✓
Zippers			✓
Adhesives			

BARRIER PROPERTIES

ATTRIBUTE	TEST CONDITIONS	UNIT	MATERIAL		
			RT BIO MATTE 100	RT BIO MET 80	RT BIO 3
THICKNESS	-	mil	0.98	0.79	3.0
			COMBINED: 4.77		
TENSILE	-	psi MD	14 000	18 000	40 600
	-	psi TD	7 000	10 000	46 400
O ₂ VTR	73°F 0% RH	cc / 100in ² / 24hr	0.06	0.03	-
	73°F 50% RH		0.32	0.06	-
MVTR	100°F 90% RH	g / 100in ² / 24hr	6.50	0.65	-
COEFFICIENT OF FRICTION (FILM TO FILM)	STATIC	-	0.50	0.40	-
	DYNAMIC	-	0.30	0.30	-
ELONGATION AT BREAK	-	% MD	20	22	-
	-	% TD	50	70	-
ELASTICITY MODULUS (1% SECANT)	-	psi MD	145 000	≥170 000	-
	-	psi TD	87 000	≥85 000	-

All properties are tested under standard laboratory conditions: 73± 4°F; 50±5% RH, unless otherwise stated.

Where relevant, tests are based on international testing standards

MD Machine Direction / TD Transverse Direction



RT BIO MATTE 100

Certified home compostable
Certified industrial compostable



RT BIO MET 80

Certified home compostable
Certified industrial compostable



RT BIO 3

Certified home compostable
Certified industrial compostable

ALL FILMS USED ARE CERTIFIED BY:



Drew & Rogers, Inc.
1-800-610-6210

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PRINTING • PACKAGING • PROMOTIONS

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ZIPPER PROPERTIES

RAW MATERIAL

BIODEGRADABLE RESIN

PROFILE WEIGHT

6.0 ± 0.6 grams / meter

HOLDING FORCE

OUTSIDE (OPEN SIDE) 9.0 - 35.0 Newton / 50 mm
INSIDE (PRODUCT SIDE) 49.0 Newton ~ / 50mm



ZIPPER

Certified industrial compostable



INKS

Certified home compostable
Certified industrial compostable

HP INDIGO ELECTROINKS

Under appropriate conditions of use, HP Indigo ElectroInk complies with:

- Federal Food Drug and Cosmetic Act 21 USC 201 (FFDCA)
- Article 3 of the EU Framework Regulation No. 1935/2004
- Good Manufacturing Practices of the EU 2023/2006
- Swiss Ordinance 817.023.21 (1.5.17)
- Council of Europe Resolution AP (2005)2 for printing inks
- Japanese Printing Ink Manufacturers Association Negative List
- Nestle Guidance Note on Packaging Inks (compositional compliance)
- EuPIA Guideline on Printed Inks; EuPIA Exclusion Policy
- EU REACH and RoHS regulations
- EU Packaging Waste Directive (94/62/EC)
- Conflict Minerals requirements
- EU Toy Standard EN71 (Parts 3, 9, 12)

HP Indigo ElectroInk is free from:

- Phthalates, bisphenols and photoinitiators
- Aromatic amines
- Nanomaterials
- Materials subject to California Prop 65 labeling
- HAP – Hazardous air pollutants
- TAC – Toxic air contaminants
- Particulate matter emissions

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