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PERFORMANCE GUIDE

IPLD1802

INDIE® 50# Semi Gloss

Revised: 07/2019 RDF



Description

Product IPLD1802 is a 50# bright white Indigo printable semi gloss facestock with a patented formula non-ooze acrylic adhesive and a 2.45 semi-bleached calendared kraft iner.

HP Indigo Certification 3 Stars
RI4050-11-2352 & RI6000-11-2352

Applications and End Uses

For prime labeling applications requiring a semi gloss paper. Markets include: Food, cosmetic, toiletries and more

Face

50# Indigo semi-gloss, high strength paper stock designed for quality printing and high speed converting.

Physical Properties Without Adhesive

Basis Weight, lbs. (25" x 38"/500 sheets)	47.5+/- 10%	TAPPI T-410
Caliper, inches	0.0026 +/- 10%	TAPPI T-411
Brightness % Reflectance at 75° angle	89	TAPPI T-452
Gloss % Reflectance at 75° angle	75	TAPPI T-480
Opacity	87	TAPPI T-425
Tear, grams	42 MD 40 CD	TAPPI T-414
Tensile, lbs./in.	24 MD 17 CD	TAPPI T-494

Adhesive

MP-910 adhesive is a patented formula designed to eliminate virtually all roll edge adhesive bleed and eliminate the need to strip a matrix. It is a general purpose, permanent acrylic emulsion adhesive, characterized by excellent ultimate adhesion to a wide variety of substrates.

Physical Properties of Adhesive

Peel Adhesion, lbs./in.	1.6 or paper tear	PSTC-101F (30 min. applied)
Temperature Ranges		
Minimum Application	+25°F (-4°C) on most surfaces	
Service Ranges	-75°F to +200°F (-60°C to +93°C)	
Thickness, inches	0.0007 +/- 10%	

Liner

A semi-bleached kraft liner excellent for die cutting, stripping and label dispensing. Primarily for roll -to -roll applications.

Caliper, inches	0.00245 +/- 10%	TAPPI T-411
Basis Weight, lbs. (24" x 36"/500 sheets)	40 +/- 10%	TAPPI T-410

WS6000 Press Parameters

Suggested Press settings recommended by RIT through Certification on WS6000
Testing Performed Dec 2011. <http://printlabcert.cias.rit.edu/industrialcertifiedmedia>

Best Working Point

Results without White Ink

PTH temperature

55

Feed Fan

8

Blanket temperature

105

2nd Transfer pressure

300

Shelf Life

One year when stored at 72° F and 50% R.H.

This product complies with CONEG regulations.

All Mactac Roll Label products meet the requirements of the Clean Air Act of 1990.

Note: The user is responsible for determining the product's suitability for all aspects of the application. If there are any questions about applications, or regulatory compliances, please contact your Mactac sales representative to discuss your requirements for recommendations. If this is a printed Performance Guide, it is an uncontrolled document. Please check the Mactac website for the latest, most up-to-date version at www.mactac.com

IPLD1802 has been independently evaluated and qualified by Rochester Institute of Technology for use on HP Indigo WS4050& WS6000 digital presses. Reference certificate number from RIT: RI4050-11-2352 & RI6000-11-2352.

CALL 1-800-548-3456 for additional product information

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