



PERFORMANCE GUIDE

Represents Typical Values Only

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ISG1802 - New INDIE® Semi Gloss

Revised: 10/2015 AKB



Description		Applications and End Uses	
Product	ISG1802 is a 60# Indigo printable semi gloss facestock with a patented formula non-ooze acrylic adhesive and a 2.45 semi-bleached calendared kraft liner.		For prime labeling applications requiring a semi gloss paper. Markets include: Food, cosmetic, toiletries and more.
	HP Indigo Certification 3 Stars RI4050-14-3646 & RI6000-14-3646		
Face	60# Indigo semi gloss, high strength paper stock designed for quality printing and high speed converting.		
Physical Properties Without Adhesive			
	Caliper, inches	0.003 +/- 10%	TAPPI T-411
	Brightness % Reflectance at 75° angle	89	TAPPI T-452
	Gloss % Reflectance at 75° angle	75	TAPPI T-480
	Opacity	89	TAPPI T-425
	Tear, grams	45 MD 55 CD	TAPPI T-414
	Tensile, lbs./in.	34 MD 19 CD	TAPPI T-494
	Basis Weight, lbs. (25" x 38"/500 sheets)	59 +/- 10%	TAPPI T-410
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			
	Thickness, inches	0.0007 +/- 10%	
	Peel Adhesion, lbs./in.	2.8	PSTC-101F (30 min. applied)
	Temperature Ranges		
	Minimum Application	+25°F (-4°C)	
	Service Ranges	-75°F to +200°F (-59°C to +93°C)	
Liner	A semi-bleached calendared 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 November 2014. http://printlabcert.cias.rit.edu/industrialcertifiedmedia		
Best Working Point	Results without White Ink		
PTH temperature	65		
Feed Fan	8		
Blanket temperature	110		
2 nd 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

ISG1802 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: RI4050-14-3646 & RI6000-14-3646.

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

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