



PT BIPORIN AGUNG
FULLY INTEGRATED COLORANTS COMPANY












ecoink[®]



**REACTIVE &
DYE SUBLIMATION
INKS FOR DIGITAL
TEXTILE PRINTING**



ECOINK R Certified High Performance Reactive Ink for Digital Textile Printing









FASTNESS PROPERTIES*	LIGHT ISO 105-BO2	LIGHT AATCC 16E 20 AFU	PERSPIRATION (ALK) ISO 105 E04		WASHING (50°C) AATCC 61-2A		CHLORINE (20PPM) ISO 105-E03	CROCKING	
			CHANGE	STAINING	CHANGE	STAINING	CHANGE	DRY	WET
 CYAN R	5	4	4 - 5	4 - 5	4 - 5	4 - 5	3	4	3 - 4
 MAGENTA R	4 - 5	4	4 - 5	4 - 5	4 - 5	4 - 5	4 - 5	4 - 5	4
 YELLOW R	5 - 6	4 - 5	5	4 - 5	5	5	4	4 - 5	4
 ORANGE R	4 - 5	4	5	5	5	4 - 5	4	4 - 5	4
 BLUE R	5 - 6	4 - 5	5	4 - 5	5	4 - 5	3 - 4	4 - 5	4
 RED R	5	4	4 - 5	4 - 5	5	4 - 5	4	4 - 5	4
 BLACK R-H (MCT TYPE)	5	4 - 5	4 - 5	4 - 5	4 - 5	4 - 5	4 - 5	4	3 - 4
 DEEP BLACK R (VS TYPE)	5	4 - 5	4 - 5	4 - 5	4 - 5	4 - 5	3	4	3 - 4
 GREY R	5	4 - 5	4	4 - 5	4	4 - 5	3	4 - 5	4

ECOINK inks formulation are made from highly purified dyes for digital printing of cellulosic fabrics (reactive type) and polyester fabric (dye-sublimation type).







Their production are supported by state of the art production and quality control techniques and equipments all geared to meet our exacting specifications delivering inks of the highest quality and consistency.



ECOINK RA Reactive Ink for Digital Textile Printing for High-capacity Printhead

FASTNESS PROPERTIES*	LIGHT ISO 105-BO2	LIGHT AATCC 16E 20 AFU	PERSPIRATION (ALK) ISO 105 E04		WASHING (50°C) AATCC 61-2A		CHLORINE (20PPM) ISO 105-E03	CROCKING	
			CHANGE	STAINING	CHANGE	STAINING		CHANGE	DRY
 CYAN RA	5	4	4 - 5	4 - 5	4 - 5	4 - 5	3	4	3 - 4
 MAGENTA RA	4 - 5	4	4 - 5	4 - 5	4 - 5	4 - 5	4 - 5	4 - 5	4
 YELLOW RA	5 - 6	4 - 5	5	4 - 5	5	5	4	4 - 5	4
 ORANGE RA	4 - 5	4	5	5	5	4 - 5	4	4 - 5	4
 BLUE RA	5 - 6	4 - 5	5	4 - 5	5	4 - 5	3 - 4	4 - 5	4
 RED RA	5	4	4 - 5	4 - 5	5	4 - 5	4	4 - 5	4
 BLACK RA (MCT TYPE)	5	4 - 5	4 - 5	4 - 5	4 - 5	4 - 5	4 - 5	4	3 - 4
 GREY RA***	5 - 6	5	4	4 - 5	4	4 - 5	3	4 - 5	4

ECOINK S High Performance Sublimation for Digital Textile Printing

FASTNESS PROPERTIES*	LIGHT ISO 105-BO2	LIGHT AATCC 16E 20 AFU	PERSPIRATION (ALK) ISO 105 E04		WASHING (50°C) AATCC 61-2A		CROCKING	
			CHANGE	STAINING	CHANGE	STAINING	DRY	WET
 CYAN S	5	4	4-5	5	4-5	5	5	4-5
 MAGENTA S	6	4-5	5	5	5	4-5	5	4-5
 YELLOW S	6	4-5	4-5	5	4-5	5	5	4-5
 ORANGE S	5	4	5	5	4-5	5	5	4-5
 BLUE S	6	5	5	4-5	5	5	5	4-5
 BLACK SH	5-6	4-5	4-5	5	4-5	5	5	4

Also available, **ECOINK SE Series**, High Performance Sublimation Ink for Digital Textile Printing for lower capacity printhead

* Printed in 100% depth with KYOCERA KJ4B Printhead at resolution equivalent to 1200 x 600 dpi (maximum droplet size 24 pl) on non-mercerized woven 100% cotton fabric

** Printed in 100% depth with KYOCERA KJ4B Printhead at resolution equivalent to 600 x 600 dpi (maximum droplet size 18 pl) printed on paper and transferred on polyester fabric

*** Grey RA not suitable for baby wear (<3 year old) with reference to extractable heavy metals from printed fabric

NOTE: The above information has been compiled very carefully, are true and correct at the time of issuance and are subject to change without prior notice. Since the conditions of use are beyond our control, no liability can be accepted on the basis of the recommendations or suggestions provided.



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GOTS
VERSION 6.0



Ø ZDHC

PT BIPORIN AGUNG has the production capability for tailor-made inks and dyes according to individual specifications of production needs & quality.



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