



Recommendations	
Product Overview	
Product Code	EC2042
Industry	Inks
Application	Screen Printing
Category	Specialty Inks
Sub-Category	4Color
Chemistry	Plastisol
Substrate(s)	Cotton
Best Used By	12 months
Certification(s)	ISO9001
Curing:	
Fusion Temperature	320 °F
Gel Point	160 °F
Performance:	
Viscosity	Low
Coverage	Low Opacity
After Flash Tack	Low
Squeegee:	
Squeegee Profile	Square
Squeegee Type	Polyurethane
Squeegee Speed	High
Screen:	
Mesh	Up to 355 mc in (140 mc cm)
Underlay	Not required
Emulsion Type	Direct, Indirect
Cleanup	Bio-degradable screen wash
Storage:	
Storage Temperature	65°F - 95°F (18°C - 35°C)
Storage Notes	Avoid direct sun.

Last Change: Nov 2016

NPT PROCESS CYAN

The EC primaries for 4 Color Process methods are available in Standard. The pigments for the EC series have been carefully selected for purity and brightness.

Features

- Transparent, intense primary colors designed especially for 4-color process printing.
- Bright primaries for maximum color range.
- Prints through a variety of mesh counts which decrease the need to print spot colors for brightness
- Match color key fast with these pure pigments.

Instructions

Supply the color separator with printed strike offs of each primary printed through the mesh selected for the production run for more accurate color reproduction from the film positives. Improved printing techniques will offer maximum color saturation and ink penetration into the fibers with the least amount of dot gain. Set machine pressure for maximum penetration. Print the single colors separately and then in 2 or 3 color combinations. Compare each to the color key. Not recommended for printing on dark fabrics. Note: Should the yellow appear too strong, (reds, greens, and browns, are too yellow) extend with MC0125 Process extender base. Print the cyan and magenta full strength. PRODUCTS: EC0125 Process Extender Base EC2042 Process Cyan EC4026 Process Yellow EC6039 Process Magenta EC8002 Process Black EC9030 Process White

Recommendation

Claira Colors™, bases, modifiers and additives should be mixed in clean vessels using clean mixer blades and utensils. Any contamination from other ink sources or non approved additives could make Claira Colors™ test positive for the restricted phthalates. Do not dry clean, bleach, or iron the printed image.

Statement

Rutland Plastic Technologies does not knowingly add plasticizers containing the phthalates listed and outlined in California Bill 1108, CPSIA HR-4040 and Oeko-tex Standard 100. The plasticizers identified may include di-(2-ethylhexyl) phthalate (DEHP), dibutyl phthalate (DBP), benzyl butyl phthalate (BBP), diisononyl phthalate (DINP), diisodecyl phthalate (DIDP), di-n-octyl phthalate (DnOP), (DIBP) Di-iso-butyl, and (DMP) Dimethylphthalate, including esters of ortho-phthalic acid and are not direct ingredients in the manufacture of Claira High Opacity Non-Phthalate Inks. Rutland Plastic Technologies does not test the final product for amounts of the aforementioned phthalate plasticizers and esters and encourages all users to conduct testing for their intended use.

Disclaimer:

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