

INX International Ink Co.

Technical Data Sheet

ECOTECH™ PROCESS COLORS

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ECOTECH PROCESS™ Process Colors are premium quality, low VOC quickset inks for the sheetfed market. Bio-renewable raw materials average 61% by weight in every can.



ECOTECH™ Process Colors are high performance low VOC formulations for sheetfed presses made from environmentally friendly raw materials.

ECOTECH™ Process Colors are carefully formulated from vegetable oils and other bio-renewable resources. The system averages 61% by weight from these carefully selected environmentally friendly raw materials.

ECOTECH™ Advantages:

- Excellent press stability especially in light coverage situations.
- Stay open formulas reduce ink waste.
- Good rub resistance.
- Fast set and dry times.
- Good gloss
- Wider water balance window
- Fast start ups, returns to color quickly.
- Sharp print reproduction.
- ISO 2846-1 Compliant

Capabilities of **ECOTECH™** Process Colors:

- Overprint varnish, Aqueous coat in line or UV coat off line after 48-72 hours
- Foil stamp after 48 – 72 hours
- Imprint on Laser imaged Reprographic equipment after 72 hours.
- Print a wide range of coated and uncoated substrates.
- Will not skin in the fountain.

Formula Numbers:

Medium Tack

Process Black	1367894
Process Cyan	1367895
Process Magenta	1367896
Process Yellow	1367897

Low Tack

Process Black	1370207
Process Cyan	1370208
Process Magenta	1370209
Process Yellow	1370210

Density Range

Black	1.65-1.95
Cyan	1.30-1.40
Magenta	1.35-1.45
Yellow	1.00-1.10

Dot Gains @ 50% Tone @ 175 L.S.

Black	22%-24%**
Cyan	20%-24%**
Magenta	20%-24%**
Yellow	18%-20%**

Traps (1D then 2D)

Mag./Yel.	75%-85%**
Cyan/Mag.	65%-75%**
Cyan/Yel.	80%-90%**

Volatile Organic Comp % by Weight***

Black	<5%
Cyan	<5%
Magenta	<4%
Yellow	<4%

*** Method 24 Test



**Results may vary according to your press conditions.

To the best of our knowledge, this data sheet is accurate; however, INX assumes no liability for the accuracy of this information. The final determination of the suitability for a particular use is the sole responsibility of the user.