



@evolve

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ONE IS NEVER AFRAID OF THE UNKNOWN; ONE IS AFRAID OF THE KNOWN COMING TO AN END.

~ Jiddu Krishnamurti



STRENGTH OF MIND IS EXERCISE, NOT REST. ~ Alexander Pope



ANYONE WHO STOPS LEARNING IS OLD, WHETHER AT TWENTY OR EIGHTY. ~ Henry Ford



IF YOU ARE IRRITATED BY EVERY RUB, HOW WILL YOU BE POLISHED? ~ Rumi



IT ISN'T THE MOUNTAINS AHEAD TO CLIMB THAT WEAR YOU OUT, IT'S THE PEBBLE IN YOUR SHOE. ~ Muhammad Ali



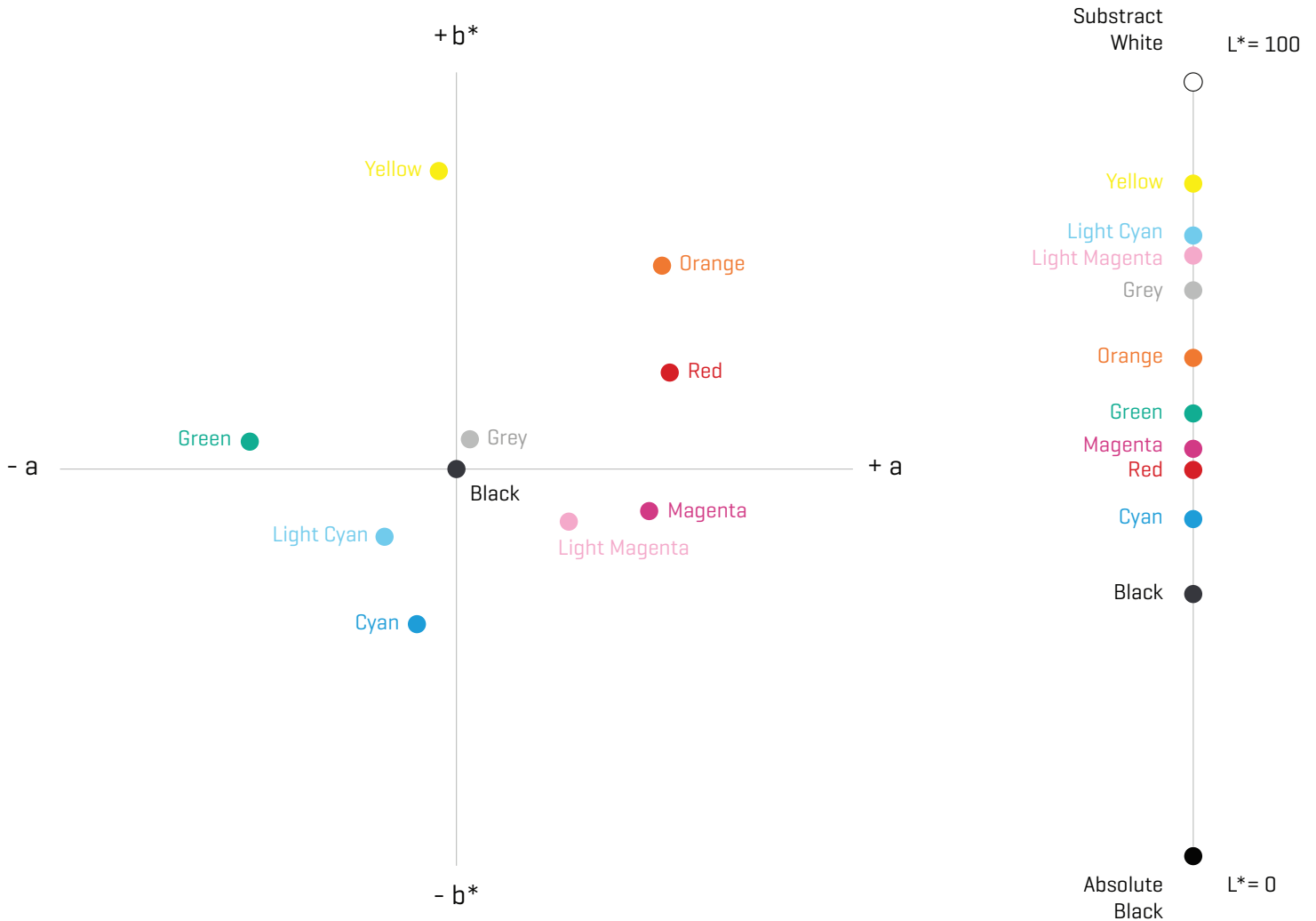
CRESA
Textile Chemicals

Cresa Pigment Digital Inks

The final digital solution
market was waiting for



Colour space CRESA Pigment Digital Inks range



1. Digital pre-treatment 1 by padding

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CRESA INK JET P

30-120 gr/l



CRESACRYL C-500

30-60 gr/l

Pick up: 70-85 %

Dry at 110 °C, never exceeds temperatures over 120 °C

Benefits

- Excellent definition, high sharp level, very high colour yield.
- Same pre-treatment recipe for different fibre compositions like CO, PES, PAN, PA.

CRESA INK JET P: ready-to-use product to prepare any kind of fabric which must be printed with pigments by digital plotter.

CRESACRYL C-500: special cationic polymer emulsion to improve rubbing and washing fastness in articles which must or have been printed with pigments by digital plotter.

2. Digital pre-treatment 2 by padding

CRESA INK JET P-CN

30-120 gr/l

Pick up: 70-85 %

Dry at 110 °C, never exceeds temperatures over 120 °C

Benefits

- Excellent definition, high sharp level, very high colour yield.
- Excellent final fastness, in many cases it is not required an additional finish.
- Only recommended for 100 % COTTON

CRESA INK JET P-CN: ready-to-use product to prepare cotton fabrics which must be printed with pigments by digital plotter.



Cresamin Digital Inks

Pigment Range	Washing 40°C	Dry Rubbing	Wet Rubbing	Chlorinated water 50 ppm		Water	Light - 150 hours	
	ISO 105-C06 Strength 1/1	ISO 105-X12 Strength 1/1		ISO 105-E03 Strength 1/1	ISO 105-E03 Strength 1/4	ISO 105-E02 Strength 1/1	ISO 105-B02 Strength 1/1	ISO 105-B02 Strength 1/4
 Cresamin® Cyan Digital Ink	4-5	3-4 / 4	2-3	4-5 / 5	4-5 / 5	4-5	7	6-7
 Cresamin® Magenta Digital Ink	4-5	4	2-3 / 3	3 - 3/4	3 - 3/4	4-5	7	7
 Cresamin® Yellow Digital Ink	4-5	4	2-3 / 3	4-5	4-5 / 5	4-5	7	7
 Cresamin® Black Digital Ink	4-5	4	2-3 / 3	5	4-5	4-5	7	7
 Cresamin® Red Digital Ink	4-5	3-4 / 4	2-3	4-5	4-5	4-5	6-7	6
 Cresamin® Orange Digital Ink	4-5	3-4 / 4	2-3	4-5 / 5	4-5	4-5	7	7
 Cresamin® Green Digital Ink	4-5	4 / 4-5	3	5	4-5	4-5	7	6-7
 Cresamin® Light Cyan Digital Ink	4-5	4-5	4	4 / 4-5	4-5	4-5	7	7
 Cresamin® Light Magenta Digital Ink	4-5	4-5	4	2-3	2-3 / 3	4-5	6-7	6-7
 Cresamin® Grey Digital Ink	4-5	4-5	4	4-5	4-5	4-5	7	7

CRESAMIN DIGITAL INKS have been specially developed for high viscosity heads. Inks work perfectly with DIMATIX STAR FIRE 1024. After printing we recommend drying at 110°C and curing during 2,5 min at 155 °C. Check recipes for finishing in Unit 3.

We recommend the following environmental conditions for printing:

Room Temperature:

3. Finishing pigment digital printing:

The last treatment over pigment printed fabric is based in the improvement of the fastness and final hand. We recommend the following recipes by PAD application:

a) Very soft Recipe:

CRESOFT PDI
40-80 gr/l

Ph. 5,5 | Pick up: 75-85%

Dry at 110 °C and cure at 155 °C during 1.5 min.

Benefit: excellent smooth handle with increase of rubbing fastness.

CRESOFT PDI: special micro emulsion to enhance global fastness of digital pigment inks and final fabric handle.

b) Wet crocking improvement:

CRESAFIX IND
30-70 gr/l

Ph. 5.5-6 | Pick up: 75-85%

Dry at 110 °C and cure at 155 °C during 1,5 min.

Benefit: excellent rubbing fastness, specially over wet ones.

CRESAFIX IND: Special polymer to improve the rubber fastness on the digital pigments already printed.

c) Standard for non iron recipe:

CRESAPOL CA
30-70 gr/l

Ph. 7 | Pick up: 75-85%

Dry at 110 °C and cure at 155 °C during 1.5 min.

CRESAPOL CA: special PU emulsion to improve the digital pigment fastness as well as the easy-care fabric properties.

To increase the sewability of the fabrics the addition of 20-30 gr/l of CRESIL PEN in each case is highly recommended.



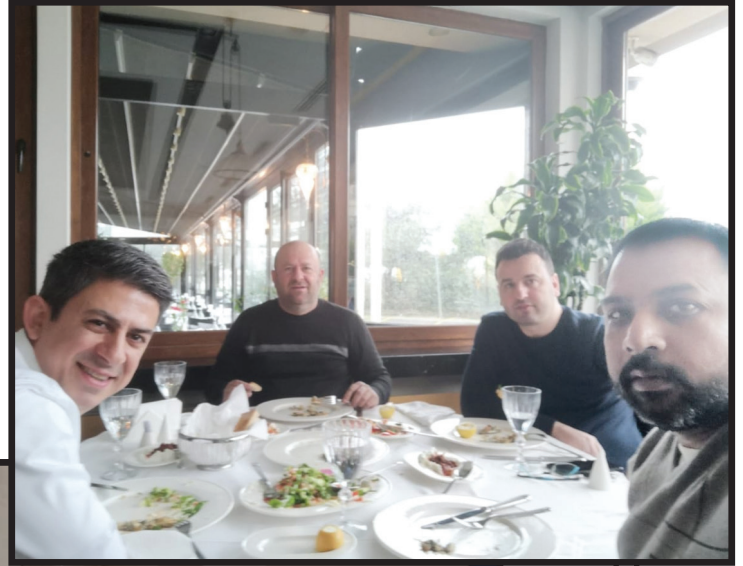
News *from* Printex

Printex is going to participate in the 12th IGATEX Pakistan from 26th -28th February in Karachi. 1st time Roq International is going to exhibit their Roq You model Machine in the show.

Cresa Technicians also joining us in the show.

Our worthy CEO, Mr. Mustafa Kamal visited Uraskimya & Cresa during this month to discuss the new product launching and the market upcoming trends.







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