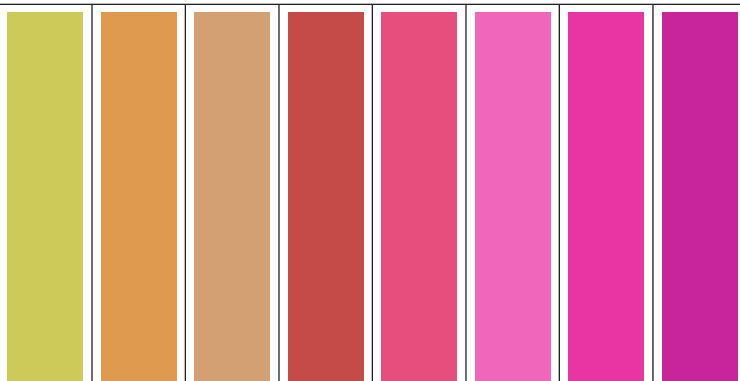


SERIE











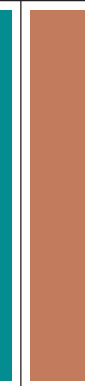

CROMABASIC LIQUIDI



SERIE CROMABASIC LIQ.



		YELLOW B-G liq.	GOLDEN YELLOW B-RL liq.	ORANGE B-LD liq.	ORANGE B-Q liq.	RED B-RL liq.	BRILLIANT RED B-B liq.	PINK B-XL liq.	RED B-4G liq.
IONIC CHARGE		c	c	c	c	c	c	c	c
FASTNESS	LIGHT	1	1-2	1	1	1	1	1	1
	ACID	4-5	5	4-5/5	5	4-5	4/4-5	4/4-5	4
	ALKALI	4-5/5	5	4-5	4-5/5	5	3-4/4	5	5
	ALCOOL	3/3-4	4-5	2-3	4-5	2-3	2	2-3	4
	WATER	5	5	4-5	5	4	3	4	5
BACKWATER		4	3	3	4-5	2-3	2-3	3/3-4	2-3
BLEACHABILITY	REDUCTIVE	4	5	5	1	-	1	-	5
	OXIDATIVE	5	5	2	1	-	3	-	5

											
RED B-XG liq.	RED B-3B liq.	VIOLET B-2B liq.	VIOLET B-8B liq.	ETHYL VIOLET B liq.	VIOLET B-ST liq.	VICTORIA BLUE B-L liq.	BLUE B-B liq.	BRILLIANT GREEN B-G liq.	MALACHITE GREEN B-L liq.	BROWN B-GL liq.	BROWN B-GR liq.
c	c	c	c	c	c	c	c	c	c	c	c
1	1	1	1	1	1	1	1	1	1	1	1
3-4/4	4-5	4-5/5	4-5	5	4-5	5	4-5	4/4-5	5	5	5
4-5	5	5	5	5	5	5	5	5	5	5	5
3	4	3/3-4	2-3	5	2	4/4-5	3-4	2-3	4-5	5	5
5	5	5	4	5	5	5	5	5	5	5	5
4	1-2	4	4	4	3-4	4	2-3/3	4	3/3-4	3/3-4	3-4
5	5	4	4	3-4	3-4	4	5	5	5	4	4
5	5	5	5	4-5	4-5	2	2	3	5	2	2

Cartacrom B liq. dyes are selected cationic dyes in liquid form suitable for application in recycled paper and unbleached fibres.

Illustrations

Illustrations represent the shade of Cartacrom B liq. dyes at an approximate depth of shade of 0,4% dye on dry furnish (100% waste paper).

Fastnesses

In reference of listed value of fastnesses, they all are obtained at 0,4% dyeing depth.

Light fastnesses were estimated using a Xenon arc lamp. Results are evaluated according to the Blue wool scale, where value 8 represents maximum fastness, value 1 minimum one.

Bleed fastnesses are tested in following solutions:

- Acid 15 g/l acetic acid
- Alkali 5 g/l sodium carbonate
- Alcohol 50%
- Distilled water

Procedure as follows: 2 sheets of Whatman filter paper are wetted with the examined solution, then a sample of paper is placed in between and pressed with a weight of 200 grs at room temperature for 10 minutes.

Then Whatman filter papers are compared with a 1-5 Grey scale. Value 5 represents no coloration, value 1 heavy coloration.

Backwater is collected during the formation of the paper sheet, then value is established with 1-5 Grey Scale. Value 5 represents no coloration, value 1 heavy coloration of backwater.

Bleachabilities. Paper samples are bleached with following method:

Method	Reductive	Oxidative
Agent	2% active sodium dithionite (sodium hydrosulphite)	2% active chlorine (calcium Hypochlorite)
PH	6	4
Temperature	6°C/50	°C
Time	60 minutes	60 minutes

From the obtained bleached pulp handsheets are produced and then evaluated in terms of residual color strength. To the minimum residual color strength the highest value (5) is assessed, while the minimum (1) is addressed to the highest residual color strength.

All informations are based on the current state of our knowledge and on the results of our tests, but they are given without guarantee. The Buyer remains responsible for verifying that the products are suitable for his intended process or purpose. Tests before the industrial use of the product are recommended.

If stored at temperature between 5 °C and 40 °C in their original packaging and tightly sealed, the shelf life of Cromabasic liq. Dyes have to be considered of at least 9 months. Anyway products must be protected from frost and as much as possible from high temperature. Each time dye is taken out for application, containers must be tightly released, and the remaining content must be used as soon as possible.

No chemical is entirely free from hazard, and Cromatos srl recommends that good standard of industrial hygiene is observed and indications in the respective safety data sheets are strictly followed, in order to minimize risk for human health and environment.

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**COLORANTI, PIGMENTI E PRODOTTI CHIMICI PER L'INDUSTRIA
INDUSTRIAL DYES, PIGMENTS AND CHEMICAL PRODUCTS**

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