SERIE

CARTACROM POLVERE

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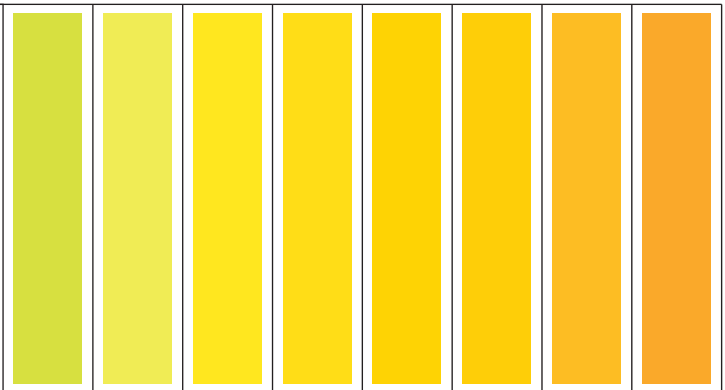
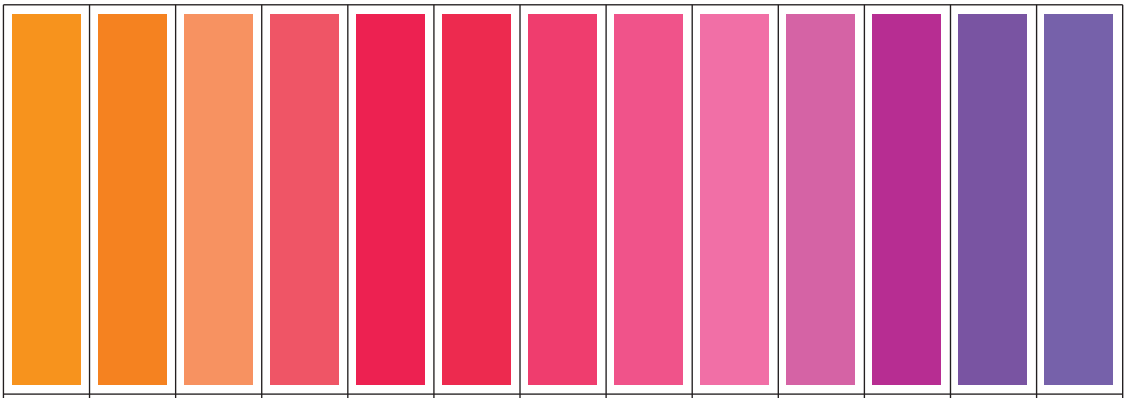


		YELLOW 10G	YELLOW 5G	YELLOW 2GB	YELLOW 3G	YELLOW BLN	YELLOW B5N	YELLOW GV	YELLOW GR
SOLUBILITY (water at 80°C)		47	20	35	25	60	55	60	60
IONIC CHARGE		a	a	a	a	a	a	a	a
FASTNESS	LIGHT	2-3	4	3	3-4	4-5	4	1-2	1-2
	ACID	5	5	5	4-5	5	5	5	5
	ALKALI	5	5	5	4	4-5	5	5	5
	ALCOOL	4-5	3-4	4	2	3-4	4	5	5
	WATER	5	5	5	3-4	5	5	5	5
BACKWATER		4-5	3	4-5	3/3-4	3-4/4	3	3-4	3-4
BLEACHABILITY	REDUCTIVE	1	4-5	5	5	5	5	3-4	3-4
	OXIDATIVE	5	3-4	1-2	5	1-2	2-3	1-2	1-2



ORANGE 3GL	ORANGE 3GLT	ORANGE WS	RED 4WS	RED GTN	SCARLET BTN	DEEP RED B	RED F3B	PINK GBL	RUBINE BT	BORDEAUX SD	VIOLET 2B	VIOLET BN
62	80	60	60	65	20	50	85	90	60	16	30	30
a	a	a	a	a	a	a	a	a	a	a	a	a
1	4/4-5	1-2	2-3	1-2	1-2	2-3	3	2-3	6	3	2	1
5	5	5	5	5	5	5	5	5	5	4-5	5	4-5
5	5	5	5	4	5	5	5	5	4	4/4-5	5	4-5
3	2	5	3	4-5	4-5	1-2	4	4	4/4-5	2-3	3-4	3-4
5	5	5	5	5	5	5	5	5	3	3/3-4	5	5
3-4	3-4	4-5	4/4-5	4	4-5	2-3	3-4/4	3-4/4	2-3/3	2-3	2-3/3	3
4	4-5	5	–	4-5	5	5	5	4-5	–	–	5	5
1	1-2	2	–	1	1	1	2-3	1-2	–	–	1-2	2-3

												
TURQUOISE FBL	**TURQUOISE LNG**	**BLUE 2G**	**BLUE TG**	**BLUE BN**	**BLUE TRG**	**BLUE RR 155%**	**GREEN LBN**	**BLACK 2T**	**BLACK GT**	**BLACK MX**	**BLACK RT**	**BLACK N**
50	50	60	50	70	100	25	40	40	40	25	40	40
a	a	a	a	a	a	a	a	a	a	a	a	a
4-5	4-5	4	2	4	1	4-5	2-3	2	3	2	3	2
5	5	5	5	5	3	5	5	5	4-5	5	4-5	4
3	3	5	3	4/4-5	2	4-5/5	4-5/5	4/4-5	4-5	4	4-5	5
4-5	4-5	4-5	4	2/2-3	2	3	3-4/4	3	5	2/2-3	5	5
5	5	5	5	3	2	4-5	5	4	5	3/3-4	5	5
3	3	2-3/3	2-3	2-3/3	2/2-3	3-4	4	4/4-5	2-3/3	3	4/4-5	2-3
3-4	3-4	5	5	–	5	–	–	–	5	–	5	3
4	4	3	4	–	4	–	–	–	2	–	2	2

Cartacrom dyes are selected direct anionic dyes in powder form suitable for application in fine paper and tissue.

Illustrations
Illustrations represent the shade of **Cartacrom liq. dyes** at an aproximate depth of shade of 0,5% dye on dry furnish.

Solubilities are evaluated by gradually adding small amounts of dye to the solution respectively at 80°C (hot solubility) until a significant amount of dye remains undissolved. So table reports the amount of dye in gr that dissolves in 1 litre of water.

Fastnesses
In reference of listed value of fastnesses, they all are obtained at 0,5% 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
- Alcool 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 stength the highest value (5) is assessed, while the minimum (1) is addressed to the highest residual color strength.

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

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