



SERIE

CROMAFOOD



CROMAFOOD SERIE

| | | C.I. number / E | Fastness | | | |
|----------------------------|---|-----------------|----------|------|--------------|-----------|
| | | | Light * | Heat | Acid | Alkali |
| Chinoline Yellow |  | 47005 E104 | 5/6 | good | good | good |
| Tartrazine Yellow |  | 19140 E102 | 5/6 | good | good | good |
| Sunset Yellow |  | 15985 E110 | 4 | good | good | good |
| Ponceau 4R |  | 16255 E124 | 4 | good | good | good |
| Allura Red |  | 16035 E129 | 5 | good | good | poor/fair |
| Carmoisine Soda Red |  | 14720 E122 | 4/5 | good | good | good/fair |
| Amaranth |  | 16185 E123 | 5 | good | good | good/fair |
| Erithrosyne Red |  | 45430 E127 | 1 | fair | precipitates | fair |
| Indigotine Blue |  | 73015 E132 | 6 | fair | fair | poor |
| Brilliant Blue FCF |  | 42090 E133 | 2 | good | good | good/fair |
| Patent Blue |  | 42051 E131 | 2 | good | fair | good/fair |
| Chocolate Brown HT |  | 20285 E155 | 2 | good | good | good/fair |
| Green S |  | 44090 E142 | 2/3 | good | fair | good/fair |
| Brilliant Black BN |  | 28440 E151 | 6 | poor | good | good/fair |

*Light fastness (1-8 scale)

Cromafood are selected water soluble synthetic dyes which can be used in food, cosmetics, toiletries and personal care industry.

The following are their main specific potential application:

| | |
|------------------------------------|-------------------------------------|
| Alcoholic and non alcoholic drinks | Tooth pastes |
| Syrups | Decorations & coatings |
| Desserts | Confectionery |
| Jams and Jellies | Baked goods |
| Pickles, Sauces & Seasonings | Meat & Fish products |
| Cheese | Canned products |
| Sausages | Pet foods & animal feeds |
| Cosmetics | Hair Rinses |
| Bath salts | Tablets and capsules |
| Shampoos | Toiletry products & Washing powders |
| Writing inks | Pesticides |

Cromafood dyes are chemical products with colouring and tinctorial power which is expressed once dissolved in a medium. Dyes are added to food, cosmetic and toiletry products mainly for aesthetical purpose, but sometimes with functional purpose too. For example dyes could be added to food to protect flavours and vitamins which could be affected by sunlight during storage, or to provide a colourful identity to certain food (in negative side too: it is proofed that certain colours clearly identify poison products).

All Cromafood dyes are available in lake form too, under the name of Cromalake Serie

Lakes are water insoluble form of the dyes, dispersible in vegetable oil and can be mixed with fats, oils, etc. They can also be dispersed in suspension of propylene glycol or sucrose (water or sugar). Available in different concentration (dye content).

Usage of dyes in the oversaid industries is regulated by the main following laws

European Parliament and Council Directive 94/36/EC of 30 June 1994 on colours for use in foodstuffs and following variations.

US FDA, CFR21

EU Cosmetic Directive EC/EEC/768 and following variations

Japanese MHLW

Cromatos Srl strongly recommends to verify local laws for usage of the dyes in the specific application.

All information 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. Cromatos srl is not liable for any damage due to following these suggestions. Nothing herein contained can be considered as a recommendation for use in violation of patents or applicable laws or regulations. Tests before the industrial use of the product are recommended.



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

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