

# CRX dyeing powders

## for organic lenses

**CRX dyeing powders** are in the form of powder.  
They are used in solution with demineralized water.



### INSTRUCTIONS FOR USE

Dissolve **CRX dyeing powders** in warm demineralized water.

**10 g CRX dyeing powder** for **1 litre** of water  
or

**1 CRX hydrosoluble bag** for **1 litre** of water.

Heat at 92°C (+/- 2°C);

Stir and let the bath stabilize for 10 minutes before use.  
Dip the lenses for 3 to 15 according to the required color.

Rinse immediately with warm water.

### THE TECHNICAL PROCESS



### Material

CR39® organic lenses and coated lenses.

### Advantages

- Easily dissolved in water.
- Stability of the dyeing bath.
- Quick dyeing.
- Non-voluminous storage.
- Good evenness.
- Low-priced process.

### Packaging

Our packaging is adapted as required by manufacturers, laboratories and opticians:

- Metallic pail of 5-10 kg.
- Plastic box of 500 g.

### - Individual hydrosoluble bag

For simple use  
without generating dust.



### Storage

1 year in tightly closed packaging in usual conditions of storage. Avoid humidity and high temperature.

### ESSENTIAL PRODUCTS

#### Anti-UV treatment

**5502P anti-UV** allows an ultra-violet filtration in the 350-400 nanometer range.

For CR39® organic lenses, used at 35 g/l water at 92°C, for 5 minutes.

#### Discolorant

**4080 discolorant** pure is suitable to hot remove a non-compliant color.



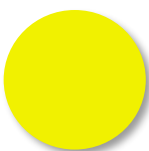

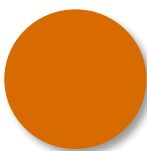
#### Heat transfer liquid

**5880 heat transfer** is a liquid for heating machine. Not volatile, It does not form fumes




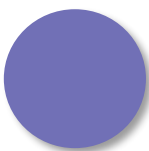

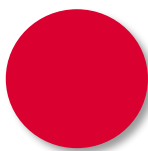
Color chart

A range of 26 standard colors is available and all miscible with each other to achieve an infinity of colors.


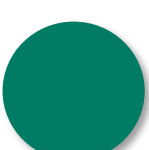
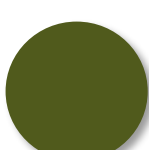
Yellow and Orange

				
Fluo yellow	Lemon yellow	Golden yellow	Orange	Orange
-	-	-	-	-
5944	8043	3441	5945	8963

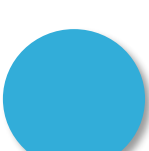
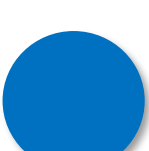
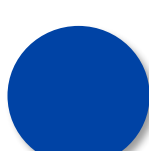
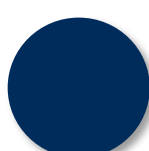
Pink and Red

					
Pink	Fuchsia	Violet	Mauve	Scarlet	Red
-	-	-	-	-	-
3442B	8168	3735B	3449C	3443B	8153B

Green and Blue

		
Anise	Green	Green
-	-	-
6755	3467B	3450B


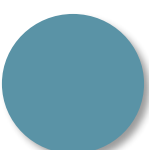
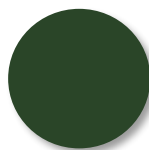
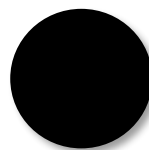
Blue

			
Blue	Blue	Blue	Night blue
-	-	-	-
5770	7690	3437	3438B

Brown

			
Pink brown	Olive brown	Smoke	Brown
-	-	-	-
3466C	3446B	3447C	6785C

Grey and Black

			
Neutral grey	Grey blue	Grey green	Black
-	-	-	-
3444C	3445C	5661B	5894C

illustrative colors

pure colors are listed in bold

## RELATED PRODUCTS

### Cleaner

**7520B cleaner** is suitable for an efficient cleaning of tanks and utensils.

### Décoating

**8436AR decoating** for anti-reflexion and anti-scratch coating.

### Red absorber

Annoying red tones could appear on dark tinted lenses.

A brief dipping in a solution of **8425 red absorber** (100 ml/l) corrects red reflects

### Coloration of PC

Polycarbonate lenses are easily dye with our **liquid dyes PCL3** (technical bulletin n°18 CO 11).

### Wastewaters treatment

**8500PAX coagulant** allows a primary treatment by precipitation/flocculation of wastewater. Recommended use at 10 g/l.

## SERVICES



### Formulation and realization of shades on demand

Color matching of CRX dyeing powders from a Pantone® or RAL® reference.



### « The principle of color combinations »

Our booklet recalls the essential chromatic properties to obtaining particular colors. It's a mini-guide that explains how to build your dyeing baths.



### Spectrocolorimetric analysis

To guarantee ever more performance to our customers and partners, TCN is equipped with a **spectrocolorimetric device** to ensure:

The L\*a\*b color measurement of a tinted piece, in reflection and transmission, under different illuminants.

Reproducibility and conformity of each batch of dyes.

Precise color matching of specific shades.



### UV aging test

Our xenon lamp equipment allows to simulate aging tests and know the UV resistance of our dyes.

Our customers can ensure the behavior of their colorful pieces and the change in properties of their materials by solar radiation in a short time.



Techniques Chimiques Nouvelles

A Colorful World



**TCN - Techniques Chimiques Nouvelles**

Phone: + 33 1 47 35 07 63

[office@color-tcn.com](mailto:office@color-tcn.com)

20, rue des carriers italiens 91350 GRIGNY (France)

[www.techniques-chimiques-nouvelles.com](http://www.techniques-chimiques-nouvelles.com)

