

CRX dyeing powders for organic lenses

CRX dyeing powders are suitable for the coloration of organic lenses. They are used in solution with demineralized water.



Material

CR39 and hi-index (1.60 - 1.67) 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.

Shades



A range of 30 standard colors is available. Many colors can be achieved within a full or gradient color. CRX dyeing powders can be delivered according to a reference chosen by the customer.

Packaging

- Metallic pail of 5 to 10 kg.
- Plastic box of 500 g.
- Individual hydrosoluble bag: 1 bag for 1 l.

Storage

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

INSTRUCTIONS FOR USE

CRX dyeing powders are used at **10 g/l** at **92°C** (+/- 2°C).

Dissolve **CRX powders** in warm demineralized water. Stir and heat up to 92°C. Let the bath stabilize 10 minutes before use. Dip the lenses for 3 to 10 minutes according to the required color. Rinse immediately with warm water.

RELATED PRODUCTS

Anti-UV treatment

5502P anti-UV is used to provide an ultra-violet filtration. Filtration is the most effective in the 350-400 nanometer range. Used at 35 g/l by dipping at 92°C for 5 minutes.

Carrier

A pre-treatment in a bath of **7820HDX carrier**, pure or diluted, for 5 to 15 minutes at 92°C, significantly reduces the dyeing time of hi-index lenses.

Cleaner

7520B cleaner is suitable for an effective cleaning of tanks and holders.

Decoating



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.

Heat transfer liquid

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

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.