

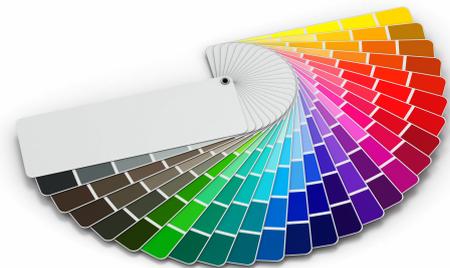


Techniques Chimiques Nouvelles

Technical bulletin n° 18 CO 12

GTC liquid dyes for plastic materials

GTC concentrated liquid dyes are suitable for the coloration of a wide variety of plastic parts: technical objects, luxury items, promotional products, single or pre-series pieces. They are designed to bring color to finished parts. The implementation is very simple.



Material

Polyamide, Polyurethane, Acrylic, Resin, Carbon Fiber, Polyester, ABS, ...

Advantages

Easy and quick process for one individual or several pieces in one operation.

Coloration of small-sized items, whatever their shape and geometry.

No defects as no excess thickness, dust elimination.

Wide possibility of colors.

Completion assured directly at the post-manufacturing of the item.

Shades



A range of 9 standard colors is available and all miscible with each other to achieve an infinity of colors. **GTC concentrated liquid dyes** can be delivered according to a reference chosen by the customer.

Packaging

Plastic jerrycan of 125 ml, 1 l, 5 l or 10 l.

Storage

1 year in tightly closed packaging under usual storage conditions.

INSTRUCTIONS FOR USE

Build up a dyeing bath by diluting the **GTC liquid dyes** with water. Heat it up.

1 volume **GTC liquid dyes** + **5 to 10** volumes of **water** at a temperature around **60 – 95°C**.

These parameters are depending on the material. Shake vigorously before use. Dip the items in the dyeing bath for 1 to 10 minutes according to the required intensity. Gently shake the items during the coloration. **Rinse with water**

RELATED PRODUCTS

Dyeing equipment

Our **ELD25 easy lab dyeing equipment**, dedicated to color by dipping, ensures an optimum process for an homogeneous and repetitive final result.

Cleaner

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

Discolorant

4080 discolorant pure, and **GGB discolorant** diluted are suitable to remove a non-compliant color.

Whitener

The yellowing items can recover their original whiteness by dipping in a warm bath containing 5 to 50 ml/l of **8430PA whitener**.

Anti-UV agent

2786 Anti-UV allows to improve the resistance to the UV light,

Polishing products

Our **polishing products** allow to obtain a regular surface preparation essential before tinting.