

GTD liquid dyes for polyamide material

GTD concentrated liquid dyes are a specific version of our universal **GTC concentrated liquid dyes** (technical bulletin n°18 CO 12). They are suitable for the coloration of laser sintering items which require a high all-round fastness.



Material

Polyamide PA11, PA12, filled polyamide.

Advantages

To the already known advantages of the **GTC liquid dyes**, **GTD liquid dyes** provide outstanding levels of fastness to rubbing, perspiration and light.

Shades



A range of 16 standard colors is available and all miscible with each other to achieve an infinity of colors. **GTD concentrated liquid dyes** can be delivered according to a reference chosen by the customer.

Packaging

Plastic jerrycan of 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 **GTD liquid dyes** with water. Heat it up.

1 volume **GTD liquid dyes** + **10** parts **water** at a temperature of **95°C**.

Shake vigorously before use. Dip the items in the dyeing bath for 1 to 10 minutes according to the required intensity. Move gently pieces during the coloration. **Rinse with water**.

It is up to each customer to verify the conformity of dyed pieces with its specification.

RELATED PRODUCTS

Dyeing equipment

Our **ELD25 easy lab dyeing equipment**, dedicated to coloration 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

GGB discolorant used pure or diluted, at warm temperature allows to remove a non-compliant color.

Whitener

Yellowing items can recover their original whiteness by dipping in a warm bath containing 5 to 10 ml/l of **8430PA whitener**.

Ultrasonic detergent

A final ultrasonic cleaning for few minutes in a solution containing 20 to 50ml/l **8460GTD detergent** enhances quality requirements.

Polishing and finishing products

Our **polishing products** allow to obtain a regular surface preparation essential before tinting. Our **BS3208 brightening paste** (technical bulletin 18PO23), used by dry-barrelling after tinting, achieves a perfect finish.