

# 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.