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**GTD concentrated liquid dyes** are a specific version of our universal **GTC concentrated liquid dyes** (technical bulletin n°17CO12). 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.

## INSTRUCTIONS FOR USE

**1 part GTD + 10 parts water** at a temperature of **92°C**.

Build up a dyeing bath by diluting **GTD liquid dye** with water. Heat it up. 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.

## ASSOCIATED PRODUCTS

### WHITENER

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

### ULTRASONIC DETERGENT

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

### CLEANING PRODUCT

**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.

### DYEING EQUIPMENT

Our **ELD25 easy lab dyeing equipment**, dedicated to coloration by dipping, ensures an optimum process for repeatable and uniform shades.

### POLISHING AND FINISHING PRODUCTS

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

Our **BS3208 brightening paste** (technical bulletin 16PO23), used by dry-barreling after tinting, achieves a perfect finish.

## SHADES

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

**PACKAGING** Plastic jerrycan of 1, 5 ou 10 liters.

**STORAGE** 1 year under normal storage conditions.