

Technical sheet n°2029.V1

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DETERFIX® TB 6800 Z

Rinsing bath lubricant

Ref ST 103061.V3

FIELD OF APPLICATION

Textile lubricant for dyed yarns and polyamid fibers in bobbin, specially formulated to be applied in autoclave after dyeing.
The bobbins treated with DETERFIX TB 6800 Z can be used directly for knitting or weaving.

QUANTITIES TO BE USED

- dyed polyamide : 2 - 5%

NB : ratio in % are given according to the weight of textile fibers transformed.

RECOMMENDED USES TO BE APPLIED

- prefer a mother preparation of product (dilute 5 to 10 times in softened water, while stirring, pour out the product in water, at room temperature)

- prepare the bath with softened water (temperature included between 20 and 25°C), adjust the pH between 4 and 4,5 with concentrated acetic or formic acid (at a minimum of 0,6 ml/l).

- circulate the bath for 5 mn, control the pH and if necessary correct it so that it is included between 4,5 and 5. Add the mother preparation, circulating EXT - INT during 5 mn.

NB : These conditions of application will have to be adapted according to the characteristics of the autoclave (bath ratio, pressure gap), the density of the bobbins, the nature of the yarn in order to make the bath exhaustion as good as possible.

- raise the temperature up to 50-55°C (2°C/mn) while circulating the bath IN-OUT during 5mn, OUT-IN during 5mn, IN-OUT during 5mn. Keep the bath circulating OUT-IN during 5mn at 50-55°C

- drain at 50 - 55° C, centrifugate or dry.

GENERAL PROPERTIES

- reduces and regularizes unwinding tensions
- has a very good lubricant power yarn/metal close to wax emulsions
- gives the yarns a good antistatic protection
- suppresses the oligomers deposits on yarns-guides

- enables a high exhaustion
- has hardly any effect on dye fastnesses
- is scoured in washing baths
- is stable during storage

RECOMMENDATIONS FOR USE

The best conditions for a good removal are :

- temperature included between 40 and 70°C

- pH from 8 to 9
- 1 to 2g/l of detergent from our DETERFIX® range

ECOLOGY

This product has been developed in full compliance with current European regulations.
Its formula enables one to meet the OEKO-TEX standard 100 (Edition 01/2014) requirements.

STORAGE AND HANDLING

The storage and handling do not require any particular precaution (see Safety Data Sheet for more additional information).

- Shelf Life : 1 year from Petronaphte's delivery date

C C C N

27 10 - Lubricating preparation for textile industry containing more than 70% petroleum products.

CHARACTERISTICS*

• Aspect at 20°C	clear liquid
• Visual color	slightly yellow
• Density at 20°C	0.84

* The characteristics in lightfaced type are given solely as an indication.

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