

DETERFIX TB 660 Z



Textile Rinsing Bath Lubricant



Rinsing bath coning oil for dyed yarns in bobbin

APPLICATIONS

- To be applied in autoclave after dyeing on bobbins
- Suitable for continuous and discontinuous yarns, polyester, acrylic, wool and their blends
- Bobbins treated hold sufficient levels of coning oil to be used directly for knitting or weaving

ADVANTAGES

- Time-saving, as this application allows to eliminate the step of rewinding after dyeing bobbins in autoclave
- Decreases yarn/metal & yarn/yarn friction in downstream processes
- Provides high level antistatic protection
- Guarantees good uniform oil distribution on the bobbin
- High bath exhaustion
- Decreases and stabilises unwinding tensions
- Hardly any effect on dye fastnesses
- Scourable through conventional washing processes
- Environmentally friendly (no mineral oil, no ethoxylated alkylphenol)
- Complies with the OEKO-TEX standard 100 requirements

RECOMMENDATIONS

Method of Application

- 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°C 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.



TOTAL

- Raise the temperature up to 50°C - 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°C - 55°C
- Drain at 50°C - 55°C, centrifugation or drying.
- If the distribution of the product is not as good as possible, check that after the stripping step after dyeing, the bobbins are free from dyeing auxiliaries. In that case a preliminar rinsing in acid bath before treatment is necessary

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.

De-Oiling

Best conditions for a good removal:

- 1 to 2g/l of detergent from our DETERFIX range
- Temperature inferior or equal to 50°C
- Neutral pH
- Softened water or hardness inferior to 20°fH

Quantities to be used

- Yarns dedicated to knitting process : 2 - 4%
- Yarns dedicated to weaving process : 1 - 3%

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

Storage

- Temperature from 5°C to 40°C
- Shelf Life : 1 year from TOTAL's delivery date

TYPICAL CHARACTERISTICS	DETERFIX TB 660 Z
Aspect at 20°C	Clear liquid
Visual color	Slightly yellow
Water content	< 1%

Above characteristics are mean values given as an information.