

DETERFIX TB 6153



Textile Rinsing Bath Lubricant



Rinsing bath coning oil for polyester dyed yarns in bobbin

APPLICATIONS

- To be applied in autoclave after dyeing on polyester bobbins
- Treated bobbins hold sufficient levels of coning oil to be used directly for knitting or weaving
- Also suitable for polyester staple fibers or tops and their blends.

ADVANTAGES

- Time-saving, as this application allows to eliminate the step of rewinding after dyeing bobbins in autoclave
- Decreases yarn/metal 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
- Stable during storage
- Environmentally friendly (no mineral oil, no ethoxylated alkylphenol)
- Complies with the OEKO-TEX standard 100 requirements

RECOMMENDATIONS

Method of Applications

- 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 25°C and 30°C), adjust the pH between 6,5 and 7,5
- Circulate the bath for 5 mn, control the pH and if necessary adjust it so that it is included between 6,5 and 7,5. Add the mother preparation, circulating EXT - INT during 5mn
- Raise the temperature up to 70°C (2°C/mn) while reversing the circulating the bath every 5mn. Keep the bath temperature at 70°C during 10mn while inverting the circulation of the bath every 5mn (OUT-IN and IN-OUT)



- Drain at 70°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 2 g/l of detergent from our DETERFIX range
- Temperature included between 70°C and 80°C
- Neutral pH

Quantities

- Dyed polyester : 2 - 6%

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

Storage

- Temperature from 5°C to 40°C
- Not to be exposed to temperatures below 0°C
- Shelf Life : 6 months from TOTAL's delivery date

TYPICAL CHARACTERISTICS	DETERFIX TB 6153
Aspect at 20°C Visual colour Density at 20°C Ionicity pH in demineralized water (10%)	White liquid Whitish 0,96 Non ionic Neutral

Above characteristics are mean values given as an information.