

ILTOL SW4

(Alkali-proof Desizing, Scouring, Bleaching Agent)

ILTOL SW4 is the surfactant for pretreatment such of desizing, scouring and bleaching, which is useful for all cotton, synthetic fiber and mixed fabric. Since its strong penetration, ILTOL SW4 is suitable for ingrey dyeing and hydrophobic textile pretreatment. The high alkali stability has the effect of excellent scouring.

■ SPECIFICATIONS ■

- Appearance : Lemon Yellow Liquid
- pH(1% Solution) : 7 ± 0.5
- Ionicity : Nonionic/Anionic
- Solubility : Easily soluble in water

■ FEATURES ■

1. ILTOL SW4 is the alkali-proof scouring and penetration agent which has the effect of cleansing, dispersing and emulsifying.
2. ILTOL SW4 heightens pretreatment effect more by abstracting impurities from natural textile and blocking impurities.
3. ILTOL SW4 heightens hydrophilic properties of textile by its' excellent desizing, dispersion and prevention of reattachment.
4. ILTOL SW4 has the outstanding wetting power, so that it gives highly effective penetration in pretreatment.

■ APPLICATION ■

It is recommendable to use 1 ~ 4g/l in dip dyeing, and 2 ~ 5g/l in continuous pretreatment.

□ Cotton Boiling-Off

A. Dip Dyeing

- NaOH(36. Be`) : 15 ~ 25cc/l
- ILTOL SW4 : 1 ~ 3g/l
- Bath Ratio : 1 : 8 ~ 1 : 25
- Temperature & Time : 95 ~ 100°C × 30 ~ 60min.

B. Continuous Pretreatment

- (1) NaOH(36. Be`) : 40 ~ 70cc/l
- ILTOL SW4 : 3 ~ 10g/l
- Pick Up : 70 ~ 85 %
- Temperature : 60°C

At 100 °C, 20 ~ 60min. Steaming → Hot Rinse → Neutralize → Cold Rinse

(2) Mixed Fiber De-Oiling

- ILTOL SW4 : 0.5 ~ 2g/l
- Soda Ash : 1 ~ 2g/l

At 75 ~ 85 °C, 30min. → Rinse

(3) Cotton Scouring and Bleaching

- H₂O₂(35 %) : 3 ~ 4cc/l
- NaOH(36. Be`) : 3 ~ 10cc/l
- ILTOL BB CB : 1 ~ 3g/l(Peroxide Stabilizer)
- ILTOL SW4 : 2 ~ 4g/l
- Bath Ratio : 1 : 10 ~ 1 : 15
- Temperature & Time : 95 ~ 100 °C, 30 ~ 60min.

(4) Cold Pad-Batch

- H₂O₂(35 %) : 40 cc/l
- NaOH(36. Be`) : 40 cc/l
- ILTOL BB CB : 5 g/l
- ILTOL SW4 : 5 g/l
- Padding Pick Up : 100 %
- Padding Temperature : 20 ~ 24°C
- Storage at Normal Temperature : 12 ~ 24hours

■ PACKING UNIT ■

100kgs and 200kgs PVC Drum