



T&T INDUSTRIES CORP

台唐工業股份有限公司

TEL: (02) 2506-4107 . (03) 4831-666

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Taicell HS-10 (Stripping Hydrogen Peroxide Agent)

Stripping Hydrogen Peroxide Agent before reactive dyes dyeing

Reactive dyes dyeing on the cotton knit, woven or towel used to preparing (scouring and bleaching) with hydrogen peroxide, therefore, the remain hydrogen peroxide will block the reactive dyes todaying, consequently, the color depth is lighter than expectation.

To avoid this dyeing trouble, it usually treated with more washing, hot washing, reduction neutralization etc. which reason is make the alkaline cellulose recover to neutral and remove the excess hydrogen peroxide, but this process was complicated, which eliminated for rationalize at many mills, therefore, there are a lot of trouble is happended .

For example:

- (1) different shade in each bath or worse reproducibility.
- (2) Uneven on dyed fabrics.

Stripping Hydorgen Peroxide agent Taicell HS-10 was development for short the complicated process, which can saving the power and water in same time.

[Properties]

Appearance	: light yellow liquid.
Ionic Activity	: anionic.
PH value (1% Solu.)	: neutral to slightly acidic.
Solubility	: easily dissolved in any ratio water.

[Features]

- (1) Taicell HS-10 can decompose the remaining of H₂O₂ bleaching , therefore, which can decrease the washing time and kept the correct color concentration.
- (2) Taicell HS-10 can short the dyeing time, which can saving the power and water.
- (3) Because it is liquid type, Taicell HS-10 is easy to use.
- (4) Taicell HS-10 is odorless and no toxic, which can save to use without pollution.

The information and data in this bulletin are baased on accurate laboratory researches and are intended for your giidance.

We cannot, however, accept any responsibility for the results obtained, in view of the numerous factors of applications are beyond our control. Our guarantee is limited to the unvarying quality of our products.



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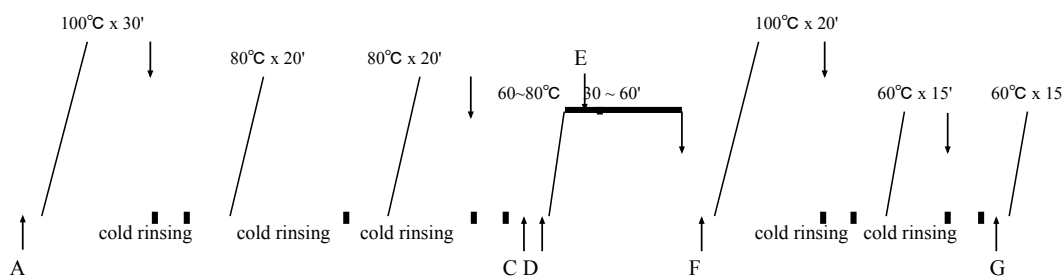
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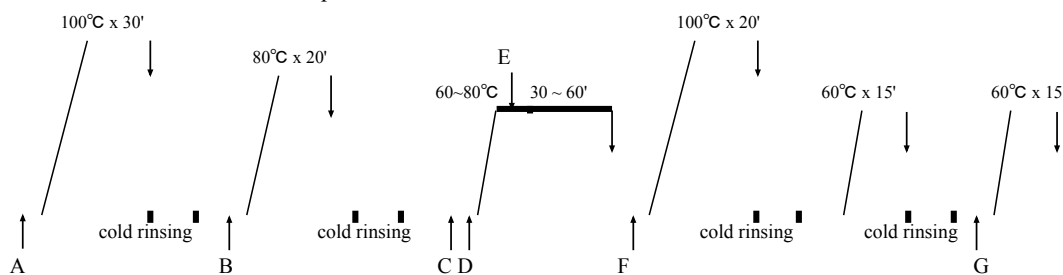
[Application] 1 . Traditional

Liquid ratio 1 : 20



2 . Taicell HS-10 from T&T

Liquid ratio 1 : 20



A : 2~3 g/l H₂O₂ (50%)
1~3 g/l NaOH
1 g/l H₂O₂ Stabilization agent
1~2 g/l Surfactant

B : 1 g/l
Stripping Hydrogen Peroxide
Taicell HS-10
C : Dyes

D : Glauber's salt
E : Soda Ash
F : Soaping agentt 1~2 g/l
G : Fixing agent 2~3 % o.w.f.

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Notes :

- (1) It's unnecessary to neutralization before Taicell HS-10 (stripping Hydrogen Peroxide agent) is added.
- (2) The usage quantity of Taicell HS-10 is 1/3 to 1/2 from Hydrogen Peroxide amounts.

[Attention of Application]

- (1) The reactive dyes different depends on the each manufactory, which dyeing methods was decided by complete examination.
- (2) Stripping Hydrogen Peroxide agent Taicell HS-10 had to dilute before added into the dyeing bath.
- (3) Some Hydrogen Peroxide stabilization agent or surfactant has influence to reactive dyes dyeing, it is recommended to decided the dyeing methods depends on the complete examination.

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