

## **COLORSOL® HLP Reactive Dyestuff**

**For Highly Light-fast Pale Shades**

Exhaustion Dyeing in Better Compatibility & Best Reproducibility



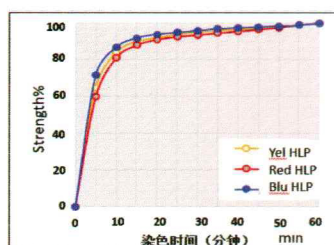
# COLORSOL® HLP – Better Compatibility, Best Reproducibility

1. Excellent colorfastness to Light and Perspiration-light with ideal on-tone properties
2. Best Reproducibility, High Right First Time.
3. Outstanding fastness to peroxide laundering.

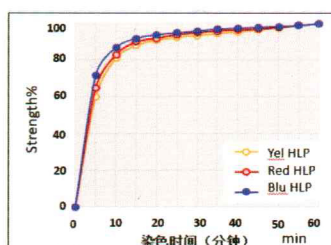


Note: Light fastness ISO 105 B02, Perspiration light fastness ISO 105 B07, acidic/alkaline

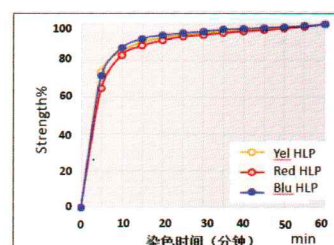
## Colorsol HLP Compatibility



Colorsol Yel HLP 0.167%  
Colorsol Red HLP 0.167%  
Colorsol Blu HLP 0.167%



Colorsol Yel HLP 0.30%  
Colorsol Red HLP 0.10%  
Colorsol Blu HLP 0.10%

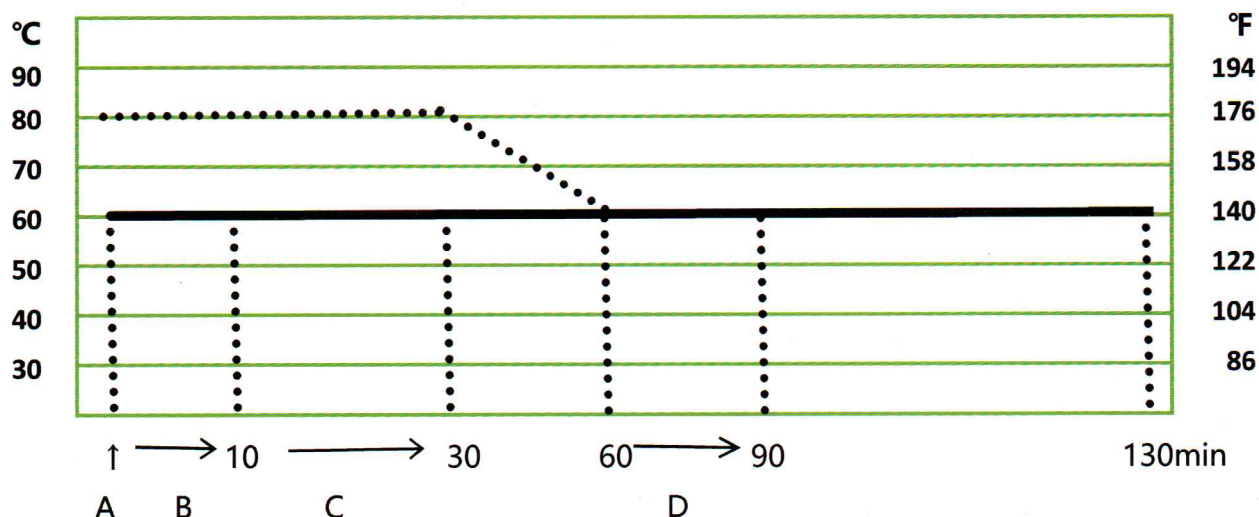


Colorsol Yel HLP 0.10%  
Colorsol Red HLP 0.10%  
Colorsol Blu HLP 0.30%

# COLORSOL® HLP – Better Compatibility, Best Reproducibility

## Dyeing Process

Soda ash method:



→by linear or automat dosing

A CHRO Aux    B Salt    C Dye    D Soda ash

Liquor ratio  $\geq 8:1$

| Dye      | %   | <0.5 | 0.5 | 1.0 | 2.0 | 3.0 | 4.0 | $\geq 5.0$ |
|----------|-----|------|-----|-----|-----|-----|-----|------------|
| Salt     | g/l | 30   | 40  | 50  | 60  | 80  | 90  | 100        |
| Soda ash | g/l | 8    | 10  | 12  | 14  | 16  | 18  | 18         |

Liquor ratio  $< 8:1$

| Dye      | %   | <0.5 | 0.5 | 1.0 | 2.0 | 3.0 | 4.0 | $\geq 5.0$ |
|----------|-----|------|-----|-----|-----|-----|-----|------------|
| Salt     | g/l | 20   | 30  | 40  | 50  | 60  | 70  | 80         |
| Soda ash | g/l | 10   | 12  | 14  | 16  | 18  | 20  | 20         |

Salt should be reduced by 20-30% on mercerized cotton

## Washing off

- Rinsing, 50°C/122°F for 10 min.
- Soaping, 95°C/203°F for 10 min, 1-2g/l CHRO Wash MPB
- Rinsing, 50°C/122°F for 10 min
- Rinsing, Cold for 10 min

### 说明 Disclaim:

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The testing data in this pattern card is obtained from our company Lab. We will not overtake any risk caused by this. Every factory has difference in index data because of different process, dyeing material, water, chemicals etc. as such factors. Our data is just for your reference. Your lab experiment is highly Suggested before you initiate mass-production.

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