

SOAPING-588

T/C Use Soaping Agent



**ECO
PASSPORT**
ZDHC LEVEL 3
APPROVED

SOAPING-588 enables a short process dyeing for T/C fabric. After dyeing the polyester, there is no need for a reduction washing step before dyeing the cotton.

Instead, you can directly wash the dyed cotton with water and then perform the combined reduction washing for polyester-cotton in the same bath. This process merges the reduction washing for polyester with the soaping process for cotton, shortening the process flow and achieving energy saving and emission reduction goals.

- **Traditional process:**

Polyester dyeing → Reduction washing → Water washing and neutralizing → Cotton dyeing → Soaping → Water washing and neutralizing

- **TC One-bath Reduction Cleaning Process:**

Polyester dyeing → Water washing → Cotton dyeing → Water washing and neutralizing → TC one-bath reduction cleaning

(This helps save the polyester reduction washing step)

Physical Properties

- Appearance : White powder
- Component : Special polymer
- PH value : 7.0±1.0
- Iconicity : Nonionic
- Solubility : Soluble in water

Characteristics

- This product exhibits excellent cleaning and dispersion effects for disperse and reactive dyes. It effectively removes the floating disperse and reactive dye residues adhering to both polyester and cotton fibers in a single bath, improving wash fastness, abrasion fastness, and color bleeding resistance.
- It is suitable for one-bath cleaning of disperse/reactive dyes on TC fabrics. After dyeing polyester, there is no need for reduction washing, which enhances production efficiency and shortens the process flow. This results in water conservation, reduced wastewater discharge, and a lower burden on wastewater treatment.
- The product demonstrates good dispersion for unfixed and hydrolyzed dyes and possesses excellent anti-staining capabilities.
- It is energy-efficient, reduces emissions, and is environmentally friendly, with a significant reduction in COD of dyeing wastewater, making it eco-friendly.

Application

- For T/C blended textile:

****Recommended Usage Procedure****

Dye polyester → Drain → Hot water wash (with weak alkaline neutralization) → Dye cotton → Soaping (using Soaping-588) → Color fixing

[Notes]

1. Hot Water Wash: Use hot water for washing while simultaneously applying a weak alkaline neutralization, which facilitates the subsequent cotton dyeing process.
2. Soaping: Use Soaping-588 at a dosage of 2–4 g/L, combined with 1–2 g/L of alkali, at temperatures of 60–70°C or 90°C.
3. Temperature adjustment: Please adjust the temperature according to the blend ratio. If the polyester content is higher, the temperature can be increased as needed.

****For comparison with commercially available two-stage scouring products****

Dye polyester → Drain → Hot water wash (with weak alkaline neutralization) → Dye cotton → Soaping (using Soaping-588) → Color fixing

[Notes]

Before draining the dyed polyester, cool down the bath to 90°C and add Soaping-588 at a dosage of 1–2 g/L and allow it to act for 10–15 minutes. This is equivalent to the effect of performing two reduction washes with market available products. With Soaping-588, only one reduction wash is necessary.

Package

- 25Kg / Bag.

Please store in a cool, well-ventilated place. Avoid direct sunlight. Ensure the container is sealed tightly after use.

LIMITED WARRANTY INFORMATION – PLEASE READ BEFORE ANY APPLICATION:

- The data presented in this brochure are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt.
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