

Verofixan series

Verofixan NDF

Non-formaldehyde dye-fixing agent for improving wash fastness properties of reactive dyed fabrics.

INTRODUCTION

Cellulosic fibres can be easily and distinctly dyed with anionic dyes by direct dyeing processes. However generally speaking, textile materials dyed with anionic dyes by direct dyeing demonstrate very poor wash fastness and wet fastness, and are therefore generally unsuitable for high grade fabrics. In order to improve the fastness (i.e., both laundry and wet-fastness) of dyed materials, an after-treatment chemical called a "dye fixing agent" is typically applied to the dyed material.

Verofixan NDF improves all round fastness properties of the fabrics or yarn. Thus, it reduces production cost and production time for excess washing and helps to get desired depth of shades with batch-to-batch reproducibility. It is especially suitable for turquoise shades where spots/speckiness are a common problem.

FEATURES

- Improves the wash fastness property and quality for dyed or printed products.
- Does not influence the handling properties and is low foaming.
- Improves the perspiration fastness
- Can be applied to goods, which are subsequently mercerized.
- Prevents loss of colour and cross staining during mercerization
- Very good improvement of wash and wet fastness properties of dyeings and printings with direct, reactive, acid and metal complex dyes
- No significant influence on the light fastness and shade
- Free of formaldehyde
- Conformity with Oeko-Tex Standard 100

PROPERTIES

Appearance	pale yellow liquid
pH	approx. 6.0
Ionic character	Cationic

STALWART ADVANCE MATERIAL INDS

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Compatibility with	
Cationics	Good
Anionics	Poor
Non-ionics	Good
Stability to hard water	Good
Stability to temperature	Good

STOCK SOLUTION

Verofixan NDFD is applied in the last rinse bath at 40°C - 50°C, pH 6.0 for a period of 15 - 20 mins. All traces of anionic chemicals should be removed before treatment.

In exhaust process:

- For pale shades : 0.5 - 1.0 g/l **Verofixan NDFD**
- For medium shades : 1.0 – 1.5 g/l **Verofixan NDFD**
- For deep shades : 1.5 – 2.0 g/l **Verofixan NDFD**

In padding process:

- For pale to medium shades: 2 – 5 g/l **Verofixan NDFD**
- For medium to heavy shades: 5 -20 g/l **Verofixan NDFD** (at 70% pick up)

This product can be continuously applied by padding at 30°C to 40°C, at pH 6.0 (adjusting with acetic acid). After padding, the goods are dried at high temperature, as it is practical.

STORAGE AND HANDLING

Precautions for safe handling	Do not eat, drink or smoke while handling the product.
Conditions for safe storage	Store in a cool, dry & ventilated area away from the sources of heat.
Shelf Life	6 months.

Note: Kindly refer SDS for further information on Storage & Handling.

Verofixan is a registered trade name of Stalwart Advance Material Inds.

The information and recommendations presented here were based on our general experience and correspond to the state of our knowledge. They are intended to service as non-binding guidelines and must be adapted to the prevailing conditions. We cannot accept liability for any injury, loss or damage resulting from reliance upon such information.

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