

Verofixan series

Verofixan LAP

Fixation accelerator for superheated steam fixation of disperse prints.

INTRODUCTION

Printing is a process to decorate textile fabrics with colours and colour motif. It may be considered as a special dyeing process. It is a controlled application of dyes and pigments to exactly defined locations on the fabric leaving rest of the fabric essentially unaffected.

Printing on polyester has placed especially great demands on aspects of both, initial dispersion quality and subsequent leveling under adverse conditions.

The crux of the problem lies in the inherent thermodynamic instability of all dye dispersions, there being an overall tendency of fine particles to undergo Ostwald ripening with consequent formation of large particles.

Printing on polyester fibres results in poor and uneven printing as it is tightly wound or due to high density packages. Therefore it is necessary to use fixation accelerator for even fixation of dyes into the fabric.

Verofixan LAP is such a fixation accelerator for pressure steam fixation of disperse prints.

FEATURES

- Improved colour yield due to higher fixation
- Good levelness of the prints.
- Gentle fixation at relatively low temperatures
- Permits improvement of reproducibility.
- Saving in time and energy in the fixation of prints
- Due to improved fixation, time and water saving in the washing off operation.
- No foaming.
- Ecological as it is free from banned chemicals.

PROPERTIES

Appearance	Pale yellow clear liquid
Ionic character	Anionic

STALWART ADVANCE MATERIAL INDS

Application & Business Center, B-120, Ansa Industrial Estate, Saki Vihar Road, Sakinaka, Andheri (E), Mumbai – 400 072.
email: sales@stalwartadvance.com; web: www.stalwartadvance.com; Customer care:1800 121 3497

Compatibility with	
Cationic	Poor
Anionic	Good
Non-ionic	Good

SAMPLE RECIPE

Stock paste	Reduction thickening	
X	---- parts	Dyestuff
Y	310 parts	Water
650	680 parts	8% Gum Indalca (pH adjusted to 5-5.5)
10-15	10 parts	Verofixan LAP
1000	1000	

Print, dry and fix on loop steamer at 170°C - 180°C for 6-8 mins.
Rinse, soap, reduction clear.

Addition of 5-10 parts/kg **Verofixan LAP** in print paste also improves colour yield during pressure steam fixation of disperse prints.

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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