

ASUPREND WS

TECHNICAL DATA SHEET

DESCRIPTION

Fixing agent for pigment dispersion comprised within WS (white seams) dyeing process in perforated rotary drums machines by immersion

STANDARDS

- bluesign® approved
- ZDHC Gateway Level 3
- According to GREEN TO WEAR SUPPORTING DOCUMENTS by INDITEX Group, valid at the date of issue of this document (see footer), this product does not need chemical testing because it meets the requirements of Option 2 – ZDHC Gateway Chemical Module

SCOPE OF APPLICATION

- Applicable to obtain “white seams” effects on garment (WS dyeing system).

PROPERTIES

- Very soft handle.
- Formaldehyde free.
- High reactivity.
- Curing temperature is not a crucial issue.
- Good fastness to solvents

CHARACTERISTICS

Appearance	Emulsion
Colour	White
Composition	Acrylic polymer in aqueous dispersion
Active content	49 ± 1,5%
Ionic character	Anionic – non ionic

The indications given herein correspond to practical experiences. Owing to the differences in local conditions they cannot claim to be complete, so that any liabilities –also with a view to claims of third parties – are excluded.

APPLICATION

Exhaustion:

The garments should be prepared beforehand ready to dye. It is highly advisable to dye starting from dried garments.

Liquor ratio: as low as possible, depending on available machines (see note 1)

20 – 50 g/L ASUPREND WS

2 – 20 g/L ASUPRINT pigment

Pre-disperse the ASUPRINT pigment with ASUPREND WS using a mixer. Once a homogeneous mixture is achieved, add it into the dyeing machine.

Start the dyeing machine rotation for 2 – 5 minutes at room temperature.

Drop bath and do not rinse the garments. If you have several batches of the same colour, it is possible to re-use the dyeing bath. It will be only necessary to replenish the dye bath with the quantity absorbed by the garments in the previous step.

Carry out a mild hydroextraction. When using dyeing machines equipped with pre-hydroextractor program, a further hydroextraction is not needed. Strong hydroextraction will give less colour value and less white seams effect.

Dry at 70 – 90°C

Finish the garments with a biopolish treatment.

Soften

5 – 10 g/L Add CATALIZADOR FC to increase wet fastness.

NOTES - REMARKS

- (1) Liquor ratio must be as low as possible so that additional savings of pigments and auxiliary products are obtained. Average normal value 5:1
- (2) To avoid the staining of the machine and the hydroextractor, it is recommended to wash them off with plenty of cold water immediately after use. The remaining pigment and ASUPREND WS will be cleaned out easily.



ASUPREND WS meets the bluesign® criteria

- Complies with the strict ecological and toxicological requirements of the bluesign® criteria
- Properly applied it allows a production with a minimum impact on people and the environment
- Basis for bluesign® approved textiles and accessories

For more information visit www.bluesign.com

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