

# ASUTOL SR-25

## TECHNICAL DATA SHEET

### DESCRIPTION

Auxiliary product for polyester dyeing and finishing, it contains antistatic agents and confers soft handle and hydrophilicity to the PES and PES/CO blends (below 50% of cellulosic fibres). It avoids oily impurities redeposition on the treated fabrics.

### STANDARDS

- bluesign® approved
- ZDHC Gateway Level 3.
- Screen Chemistry by Scivera
- According to table 1 and table 1.1 of GREEN TO WEAR 2.0 SUPPORTING DOCUMENTS by INDITEX Group, this product does not need analysis because it does not contain non-ionic surfactants based on aromatic ethoxylated/propoxylated alcohols (EO/PO).

### SCOPE OF APPLICATION

- It can be padded when PES thermosetting to aid the sizing agents elimination. This can be done also in dyebath.
- It can be applied in dyebath for dyeing without previous degreasing treatment.
- It can be used as a finishing product in order to obtain all these properties.

### PROPERTIES

- ASUTOL SR-25 gives permanent hydrophilicity to PES and PES/CO blends.
- ASUTOL SR-25 offers permanent antistatic properties.
- ASUTOL SR makes raising and brushing procedures easy.
- ASUTOL SR-25 confers soil release properties.
- ASUTOL SR-25 gives a smooth touch.

### CHARACTERISTICS

<b>Appearance</b>	Liquid
<b>Colour</b>	White - beige
<b>Ionic character</b>	Non ionic
<b>Composition</b>	Compound of a complex mixture of polymers
<b>pH at 10%</b>	7 ± 1
<b>Dilution</b>	In cold water at any ratio
<b>Compatibility:</b>	
<b>Anionic</b>	Good
<b>Non ionic</b>	Good
<b>Cationic</b>	Good
<b>Softeners</b>	Good
<b>Finishing agents</b>	Good
<b>Catalyst</b>	Good

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

---

### Pad-Stenter onto crude PES and PES/CO blends:

7.5 – 20 g/L ASUTOL SR-25  
Dry 30 seconds at temperature of 160-180°C

### Dyeing (degreasing and dyeing in the same bath):

0.2 – 1% ASUTOL SR-25  
1-2 g/L BUFFER PES  
Heat up to 60°C. Maintain 10 minutes and add:  
X% Disperse dyestuff  
0.75 g/L ASUTOL JET NUEVO  
Heat up to 130°C. Maintain 10-30 minutes according to the dyeing depth  
Cool down and drain dyebath

Reduction clearing treatment can be carried out in the same bath whenever necessary

### Finishing:

10 – 25 g/L ASUTOL SR-25  
Dry 30 seconds at temperature of 160-180°C



ASUTOL SR-25 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](http://www.bluesign.com)

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.