

ISONIK® S-AC

Surfactant for all the washing operations of printed fabrics (wool, silk, polyamide and blends with other fibers), specific for polyamide/elastomer blends.

Nature	Modified oxyethylated alkylamine
Appearance	Brown clear liquid
Density 20°C	0.96 g/cm ³
Ionic nature	Non-ionic
pH (50 g/l solution)	7.0
Solubility in water	Complete, even at cold
Appearance of solutions	Limpid
Stability to hard water	Max. 10°dH
Stability to electrolytes	Excellent with 20 g/l of Sodium Chloride or Sodium Sulphate
Stability to pH	Excellent from pH 2 to pH 13
Compatibility	Excellent with products and dyes of any ionic charge. Preliminary trials are recommended in case of anionic products and acid environment.
Storage stability	Very good between 5 and 40 °C, for 12 months; below 5 °C it tends to become solid, however without alterations.

Product description

- ISONIK S-AC is used in the washing of silk, wool, polyamide, polyamide/elastomer blends, printed with acid and metal-complex dyes, either in pretreatment phase at cold, as well as in washing-off at 40-60°C, where it has deterging and anti-backstaining function.
- Unfixed dyes, auxiliaries and thickeners will be completely removed, and maximum brilliancy and fastness can be achieved, without backstaining on white grounds.
- Excellent on polyamide/elastomeric blends.

Instructions

Preparation of solutions

ISONIK S-AC solutions are prepared by simple dilution in cold water.

Dosage

- Cold washing: 0.5 - 1.5 g/l
- Wash-off: 1 - 2 g/l
- In case of deep shades with white ground, or in case of incomplete fixation, it is recommended to increase the amount of ISONIK S-AC to 2 - 3 g/l.

Washing of Polyamide and polyamide/elastomer blends:

- cold washing with 1 g/l ISONIK S-AC for 10 - 15'; in case of deep shades a second cold washing under same condition is recommended;
- washing at 40-50°C with 2 g/l ISONIK S-AC for 15-20'; in case of deep shades a second cold washing under same condition is recommended;
- final rinsing;
- to improve general fastness, a post-treatment with ISONIK F-AC can afterwards be applied.

DISCLAIMER

The information included in this document are based on the actual experience and knowledge and they are not intended to be exhaustive. This product is for professional use only. Any product usage other than those specifically recommended with no further confirmation by Isocarbo is at one's own risk. Isocarbo guarantees that all given instructions about ISONIK S-AC are correct. Isocarbo has no control over either the quality or the conditions of the substrate or factors that may affect ISONIK S-AC performance. Isocarbo Srl strongly recommends that extensive preliminary tests are performed, in order to evaluate any unexpected product behavior. Unless otherwise approved in writing, Isocarbo shall not be liable for any different performance, loss or damage due to unaccepted use of ISONIK S-AC. Isocarbo ensures its commitment to ongoing product development and improvement; hence the content of this technical sheet is susceptible to changes.