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Associazione Tessile e Salute  
Azienda associata

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## ANTISTRAMANTE AK

Anti-slipping agent for synthetic spun yarns.

Prevents fabric structure damage without modifying handle, dyeing hue and dye fastness.

Enhances tensile and abrasion resistance.

### CHEMICAL COMPOSITION.

Aqueous dispersion of an inorganic compound with cationic character.

### PHYSICAL PROPERTIES

Clear colorless liquid.

### CHEMICAL PROPERTIES

Cationic.

Acid :pH (3.0–5.0).

Dispersible in cold water at any proportion.

Compatible with non-ionic and cationic products. Bath working conditions should be at pH<5.

Due to its cationic character, it has affinity for spun yarns and is therefore easily applied by exhaustion; nevertheless, it is also suitable for application by padding.

Another derived property thanks to being cationic is its permanent effect due to its good washing process fastness.

It considerably improves synthetic spun yarn tensile and abrasion resistance.

On light synthetic or rayon structured fabrics, such as lining, net curtaining, etc. it prevents fabric damage due to slippage between the warp and the weft caused by the smooth thread surface.

In most cases it also improves the tendency of pilling formation.

It does not modify the handle, dyeing vitality or dye fastness.

### APPLICATION FIELDS.

On light structured fabrics (lining, net curtaining ...) composed of synthetic or rayon spun yarn, with the tendency of slippage between the warp and weft.

On knitwear, using bulky yarns (continuous textured yarns), with difficult yarn mesh stretching (matrix removal and anti-picking finishing).



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Employed in waterproofing or hydrophobic finishes on lightly structured fabrics (anorak fabric,).

### WORKING PROCEDURES.

To prevent fabrics structure damage on synthetic threads (lining, net curtaining, and anorak fabrics), the usual concentrations by padding application are as follows:

5-50 g/l ANTISTRAMANTE AK

Drying at: 110-130°C.

### BIODEGRADABILITY (OCDE Method).

This product is not harmful to water due to its inorganic composition.

### STORAGE STABILITY

Stable for at least 12 months under normal storage conditions.

Keywords; slipping, anti-slipping agent, spun, spun yarns, abrasion resistance, pilling, anti-pilling, tensile resistance, cationic, rayon, slippage, warp, weft,

The data reported are the result of careful studies and/or experience gained, however they must be considered indicative and in any case without guarantee on our part for use. The data contained in this sheet are not to be considered specific.

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