

KAPPASTAT AE

Antistatic finishing agent with strong wetting properties for synthetic fibres

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| Chemical composition | organic compound |
| Appearance | clear liquid |
| pH-value 20 °C | approx. 7.0 |
| Ionic charge | anionic |
| Viscosity (Haake, 20 °C, mPa.s) | approx. 30 |

Function

KAPPASTAT AE

- reduces the electrostatic charge of synthetic fibres, in particular of polyester.
- can be applied together with anionic and nonionic softeners.
- can be used due to the strong wetting properties as a wetting agent.

Since KAPPASTAT AE is water-soluble and not fixed on the substrate, the antistatic effect is not permanent.

Application

KAPPASTAT AE can be applied in exhaustion or padding process as well as by spray application.

Dyeing or bleaching of flakes, yarns, woven as well as garments (application in the last bath)

- 1 g/l Acetic acid 60 %
- 2 – 5 g/l KAPPASTAT AE

Final finishing of polyamide, acrylic, polyester and blends

Padding application:

- 1 g/l Acetic acid 60 %
- 5 – 10 g/l KAPPASTAT AE

Rotor spray application:

- 1 g/l Acetic acid 60 %
- 15 – 50 g/l KAPPASTAT AE
- Drying: 120 – 130° C

It is essential to ensure good ventilation and efficient extraction as aerosol particles are released during spraying. Experience indicates that slightly higher quantities are required for polyamide than for acrylics and polyester.

Treatment of carpets

Spray application of a concentrated liquor.

Spinning

KAPPASTAT AE is applied in the spinning of synthetic fibres, fibre blends such as polyester/wool and wool. Normally a combination with other preparation agents is necessary. Therefore pre-trials are essential.

When using the products, the precautionary measures applicable to the handling of chemicals must be observed. For storage and hazard information as well as safety advice, please refer to the relevant safety data sheets. Application solutions and product residues must be disposed of in accordance with official regulations. The listed instructions correspond to our previous experience. However, in view of the different operating conditions, only non-binding information and advice can be given. Therefore, we cannot accept any liability whatsoever, including liability for claims by third parties. Errors, changes and misprints excepted. Non-binding product information, print date Feb 14, 2022, not subject to systematic change.

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Dilution instruction

KAPPASTAT AE can be diluted with cold or warm water, but can also be added directly to the liquor.

Storage

KAPPASTAT AE remains stable for at least 6 months if stored properly in a tightly closed container.