

KAPPAFIL AVI

Lubricant for yarn

Chemical composition	preparation of paraffins, waxes and fatty acid condensation products
Appearance	white-beige emulsion
pH-value 20 °C	3.5 – 5.5 (product)
Density 20 °C (g/ml)	approx. 1.0
Ionic charge	cationic

Function

KAPPAFIL AVI was especially developed as a lubricant for yarn to improve the gliding properties as it provides low friction coefficients. Furthermore, the product improves the soft handle and the sewability. KAPPAFIL AVI has an excellent affinity to the substrate. It does not cause yellowing of the fibre material even at temperatures up to 170 °C or during storage.

Application

KAPPAFIL AVI is applied by exhaustion after bleaching or dyeing. The product is compatible with cationic and nonionic products, but not with anionic products.

KAPPAFIL AVI is resistant to acids and hard water, but not to alkali. It is conditionally resistant to electrolytes.

Recommended application levels:

- 2.0 – 4.0 % KAPPAFIL AVI
- pH-value: 5.0 – 6.0
- Liquor temperature: bleached and dyed yarn 40 °C
- cationic after treated yarn 55 °C
- Treatment time: 30 minutes from the beginning in cold water

Dilution instruction

KAPPAFIL AVI can be emulsified with cold water at any ratio.

Storage

KAPPAFIL AVI remains stable for at least 6 months if stored properly and at room temperature in a tightly closed original container.

Protect against frost!

Contact

KAPP Chemie
info@kapp-chemie.com
+49 / 6772 / 9311-0

