

# KAPPAMID KLC

## Polyacrylate dispersion for a solvent-free coating

Chemical composition	acrylic copolymer dispersion
Appearance	white dispersion
pH-value 20 °C	approx. 7 – 8 (product)
Ionic charge	anionic

### Function

KAPPAMID KLC is used for a solvent-free coating of cotton and its blends with polyamide and polyester, especially for table clothes. KAPPAMID KLC shows a good abrasion resistance, imparts a soft feel and has a good durability to washing and at very high densities of water columns.

### Application

Recommended application levels:

#### Preimpregnation

- 1 g/l Acetic acid 60 %
- 5 g/l KAPPAPHOB WB 630
- Drying: at 100 °C / 60 s

The material can also be precalendered.

#### Coating

- 94 – 98 parts KAPPAMID KLC
- 6 – 2 parts water
- x parts thickener

To improve the water column:

- 94 parts KAPPAMID KLC
- 4 parts KAPPAMID A 305
- x parts thickener
- Blade: 1 – 3 mm
- Viscosity: approx. 5,000 – 9,000 mPas Haake (VT 02)
- Drying: 150 – 160 °C / 90 s

In order to improve the water column maybe a second coating is necessary. Therefore the dosage of KAPPAMID A 305 should be increased to 10 – 20 parts.

#### Reimpregnation

- 1 g/l Acetic acid 60 %
- 40 g/l KAPPAPHOB WB 630
- 5 g/l KAPPALINK SCL\*
- 2 g/l KAPPAWET FCW
- Drying: at 160 °C / 60 – 90 s

\* It is also possible to proceed without crosslinker KAPPALINK SCL.

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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The handle of the coated material can also be modified by calendering at 60 – 80 °C.

### **Storage**

KAPPAMID KLC remains stable for at least 6 months if stored properly at temperatures between 10 – 30 °C in a tightly closed original container.

Do not expose to frost!