

KAPPAFIX FA 362

Product for stiffening of textiles

Chemical composition	modified melamine formaldehyde condensation product
Appearance	clear, weakly viscous liquid
pH-value 20 °C	7.5 – 9.5 (product)
Density 20 °C (g/ml)	1.2 – 1.3
Ionic charge	nonionic

Function

KAPPAFIX FA 362 is applied for stiffening and handle modification of textiles made of natural and synthetic fibres and their blends. Furthermore the product is used for stiffening of fibre glass non-wovens.

KAPPAFIX FA 362 is chemically modified and offers an advantage over the conventional melamine-formaldehyde resins: It contains a formaldehyde catcher which during the condensation reaction of the melamine resin binds the excess of formaldehyde gas and prevents the release of the gas in the environment.

KAPPAFIX FA 362

- is odourless in processing.
- improves dimensional stability of elastic goods.
- can be applied in resin finishing liquors.
- produces a firmer handle and improves effects when used in conjunction with polymers.
- is compatible with common products used in textile finishing.
- is low of formaldehyde.

Application

Stiffening of technical fabric made of synthetic fibres in the padding process

with the pH acid catalyst KAPPALINK CAT 94

- 1 g/l acetic acid 60 %
- 20 – 100 g/l KAPPAFIX FA 362
- 2 – 10 g/l KAPPALINK CAT 94

with the pH neutral catalyst KAPPALINK KME

- 20 – 100 g/l KAPPAFIX FA 362
- 1 – 10 g/l KAPPALINK KME

Drying/condensation in one pass: 180 – 30 seconds at 140 – 180 °C

Handle modification for ribbons made of synthetic fibres in the padding process

with the pH acid catalyst KAPPALINK CAT 94

- 1 g/l acetic acid 60 %
- 20 – 200 g/l KAPPAFIX FA 362
- 2 – 10 g/l KAPPALINK CAT 94

with the pH neutral catalyst KAPPALINK KME

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.

Contact

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- 20 – 100 g/l KAPPAFIX FA 362
- 1 – 10 g/l KAPPALINK KME

Contact drying: 140 – 160 °C

Regarding the application of the additionally mentioned products, please note the corresponding technical data sheets.

Dilution instruction

KAPPAFIX FA 362 can be easily diluted with cold, neutral water. Further additives should only be added after dilution.

Storage

KAPPAFIX FA 362 remains stable for at least 3 months if stored properly in a tightly closed original container.

Do not expose to frost!