

KAPPAQUEST S 12

Acid product for pre-treatment

Chemical composition	combination of organic and inorganic acids with nonionic surfactants
Appearance	yellow, clear liquid
pH-value 20 °C	1 – 2 (1 %)
Density 20 °C (g/ml)	approx. 1.1
Ionic charge	anionic

Function

KAPPAQUEST S 12 is a product especially developed for the acidic pre-treatment. It sequesters alkaline earth and heavy metal ions (demineralisation). In the alkaline range, KAPPAQUEST S 12 is an excellent peroxide stabilizer.

Application

Bleaching of cotton yarn on a cross winder

- 2.0 ml/l KAPPAQUEST S 12
- 20 minutes at 40 °C

Then adding:

- 3.6 ml/l NaOH 38 °Bé
- 5.0 ml/l H₂O₂ 35 %
- 40 minutes at 95 °C

Bleaching of cotton tricot on a winch

- 1 ml/l KAPPAQUEST S 12
- 20 minutes at 40 °C

Then adding:

- 2.5 ml/l NaOH 38 °Bé
- 4.0 ml/l H₂O₂ 35 %
- 40 minutes at 95 °C

It requires 0.3 ml NaOH 38 °Bé to neutralise 1 ml KAPPAQUEST S 12

Dilution instruction

KAPPAQUEST S 12 can be diluted with cold water at any ratio. It can also be added directly to the liquor.

Storage

KAPPAQUEST S 12 remains stable for at least 1 year if stored properly and cool in a tightly closed original container.

Contact

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