

KAPPATEX RNS

Liquid reducing agent for the post-cleaning of polyester in the acid dyebath

Chemical composition	sulphinic acid derivative in aqueous solution
Appearance	clear, colourless to yellowish liquid
pH-value 20 °C	approx. 10.0
Density 20 °C (g/ml)	approx. 1.3
Ionic charge	anionic

Function

KAPPATEX RNS removes the unfixed disperse dyestuff from the fibre and thus improves all relevant fastnesses. It is beneficial that the product is effective in the acid range (< pH 4.5) and can therefore be added directly after completion of the dyeing process into the liquor that has been cooled down to 70 – 80 °C. This results in saving of water, energy, chemicals and time.

The alkaline final cleaning which is common practice, e. g. with sodium dithionite, is not necessary.

Application

KAPPATEX RNS is used for the post-cleaning of dyed and printed polyester textiles and also for blends with other fibres (e. g. cellulosic fibres, wool, silk).

Recommended application level (depending on depth of shade):

- 1 – 3 g/l KAPPATEX RNS
- treatment time: 10 – 20 minutes
- temperature: 70 – 80 °C
- pH-value: < 4.5 (adjusted e. g. with acetic acid)

At the end of the treatment the pH-value will be approx. 7. After that a reduced rinsing process follows.

Dilution instruction

KAPPATEX RNS can be diluted with water at any ratio.

Storage

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

At 0 °C the product may crystallize, but it reverts to a clear solution if heated.

Contact

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