

KAPPAQUEST L 95

Sequestering and dispersing agent

Chemical composition	polyacrylate in aqueous solution
Appearance	yellowish, nearly clear liquid
pH-value 20 °C	5.0 - 8.0
Density 20 °C (g/ml)	approx. 1.28 (product)
Ionic charge	anionic

Function

KAPPAQUEST L 95 is an excellent sequestering agent for alkaline earth ions in the alkaline range (5 – 50 ml/l NaOH 38 °Bé) and is much more effective than products based on EDTA, at this alkalinity.

In contrast to such chelating agents, KAPPAQUEST L 95 can be used unrestrictedly with reactive and direct dyestuffs, as it does not chelate the complexed metals of these dyes (Cr, Cu) and therefore has no negative effect on fastness or shade.

At pH 11 and 60 °C, 1 g of KAPPAQUEST L 95 binds 150 – 165 mg CaO.

KAPPAQUEST L 95

- is an excellent dispersing agent,
- is free of foam (does not contain surfactant),
- has no retarding effect.

Application

Scouring of cotton

Due to its sequestering and dispersing effect, KAPPAQUEST L 95 in combination with caustic soda, surfactant and possibly reducing agents is very suitable for the scouring of cotton in all usual processes.

Dyeing of cotton with vat dyes

KAPPAQUEST L 95 is very effective for the dyeing of yarn packages on circulation machinery. Material and equipment remain free of deposits.

Dyeing of polyester

In a long liquor, KAPPAQUEST L 95 disperses dyestuffs and oligomers. It is resistant to high temperature.

Aftersoaping of dyeing

KAPPAQUEST L 95 is also very effective in elutriation of dyes and prints, e. g. in removing non-fixed dyestuff and/or reactive dyestuff hydrolysates.

Recommended application level:

- 1 – 3 ml/l KAPPAQUEST L 95

Dilution instruction

KAPPAQUEST L 95 can be diluted with cold water at any ratio, but can also be added directly to the liquor.

Contact

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Storage

KAPPAQUEST L 95 remains stable for at least 1 year if stored properly in a tightly closed original container.

Do not expose to frost!