

TECHNICAL DATA SHEET

ALCAFIX PEG

ALKALINE BUFFER

FEATURES

Chemical Constitution	Mixtures of inorganic and organic substances
Physical state	Liquid
Color	Colorless
pH± 1 (as is)	13
Solubility	Soluble
Hard water compatibility	Excellent
Acid compatibility	Not compatible
Alkali compatibility	Excellent
Electrolyte compatibility	Excellent
Storage stability	12 months in original unopened packaging, at temperature between +5°C and +35°C

PROPERTIES.

- It is an alkaline product with the function of a buffering agent
- Allows the pH of alkaline dye baths of Polyester and its blends to be kept constant in both open and HT apparatuses
- It is essential to make a proper selection of dispersed dyes that are resistant to the alkaline environment.
- In HT dyeing, it has a degrading/solubilizing action toward oligomers. For this reason, there is no settling on the material, which, during subsequent treatment, could cause dust formation, soil the machines, and severely wear out the thread-guiding parts of knitting needles
- In addition to soap in washing PA/Lycra, as an alkalinity donor

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APPLICATIONS

Indicative dosages

ALCAFIX PEG 1-3 g/L

It is recommended to add ALCAFIX PEG together with the other auxiliaries before dyeing. Maintain a dyeing pH between 9.0 and 9.5.

Do not go below a pH of 8.5 as at this value the elimination of oligomers is insufficient.

ASTROLEVEL PE is recommended as a dye equalizer.

CERTIFICATIONS

The product is certified:

- GOTS 7.0
- ECOPASSPORT level 3
- ZDHC level 3

PACKAGING

- 120 kg drum

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