

POLYZYME BP Conc.

Highly concentrated liquid formulation of cellulase enzymes

- Properties** :
- is an effective and special enzyme for bio-polishing of cellulosic fabrics.
 - gives a more soft hand, clean appearance, less pilling with less strength and weight loss in compare with the others.
 - A high turbulence of the bath intensifies the effect of the treatment with this special enzyme.
 - removes fiber fluffs from the fabric surface.
 - provides good color retention and less cross-staining.
 - Is possible to use before or after dyeing, also in final soaping-off baths due to its broad pH profile (5-8).
 - is resistant to acids, alkaline, electrolytes and water hardness in usual amounts.
 - is stable to polyacrylate soaping and sequestering agents.

Field of application

- Substrate** : cellulosic fibers.
- Aggregate** : jet, winch (a high degree of mechanical agitation is suggested).
- Operation** : permanent reduction of the pilling tendency and surface modification.

Characteristics

- Type of product** : high concentrated acid cellulase enzyme
- pH (1% sol.)** : About 5
- Appearance** : light brown, medium viscosity liquid

Application

Dissolving method : is soluble in water in all proportions.

Guide recipes : 0.5 – 1.5 % **Polyzyme BP Conc.** at pH 4.5-5, temp. 45-55°C;

Storage stability : 6 months in closed original drums at approx. 20°C.

The indications given herein correspond to practical experiences. Owing to the differences in local conditions they cannot claim to be complete, so that any liabilities - also with a view to claims of third parties - are excluded.