

GOLDZIMA BPC

Enzyme for biopolish finishing.

Application fields:

Goldzima BPC is an enzyme for biopolish finishing in cellulosic fibers, providing the following effects:

- Removes substrate fuzziness.
- Improves substrate appearance and luster.
- Avoids pilling formation in subsequent washes, keeping the article appearance as new.
- Provides stonewash effect when is applied for this purpose, avoiding the known disadvantages of stones use.

The product can be applied in previous or subsequent treatment at dyeing process, through continuous, semi-continuous or discontinuous processes.

Features:

- It is a liquid product stabilized with endoglucanasa, this component is obtained from a nonpathogenic fungus fermentation.
- The product has good stability if stored as directions of Safety Data Sheet (SDS).
- This product complies the parameters required by the OEKO-TEX® certification.
- This product fits within the REACH (Registration, Evaluation, Authorization and Restriction of Chemicals, European Union) regulation requirements.
- This product fits within the requirements of ZDHC (Zero Discharge of Hazardous Chemicals) program.

Physicochemical characters:

Appearance	Clear liquid from yellow to brown.
Chemical Nature	Acid cellulase enzyme.
pH (sol. 10% w/w, 25°C)	4.0 – 7.0
Solubility (sol. 10% w/w)	Soluble at 25°C, under stirring.

Application:

Discontinuous process:	- 0.5 to 2.5% of Goldzima BPC. - Bath ratio 1:5 to 1:25. - Treatment time: 30 - 60 min. - pH / application temperature: 4.5 to 5.3 / 50 to 55°C.
Continuous process:	- 25.0 to 40.0 g/l of Goldzima BPC. - Pick-up 80-100%.
Deactivation	As all cellulase enzyme, the deactivation is vitally important after application, we recommend an alkaline rinse with pH 9.0 to 10.0, at 65-70°C for 10 minutes.

For data of security, ecological and toxicological, see the Safety Data Sheet (SDS).

Note: Given the variety of substrates and processes applications, the information here provided with fidelity, should be understood as a tool for guidance, therefore we cannot be responsible for any damages resulting from in inappropriate use. The data contained in this bulletin are based on current knowledge and current applications of our products performed. Additional information may be obtained from our technical department. Review: 07/27/2016.