

GOLDGEN ABP

Levelness agent to reduce the chemical barriness in polyamide fibers.

Fields of application:

- Exhaustion dyeing of polyamide fibers with acid dyes.
- Leveling and/or removal of defects in dyeing of polyamide fibers with acid dyes.

Features:

- It reduces the affinity differences of the polyamide fibers in dyeing with acid dyes, decreasing the chemical barriness.
- It decreases the rate of uptake of acid dyes in polyamide fibers, providing a better leveling.
- The product has good stability if it is stored according to SDS guidelines. The product is sensitive to low and high temperatures and may become more viscous or with film on the surface. Avoid temperatures below 5°C or above 70°C.
- This product complies with the parameters required by the OEKO-TEX® certification.
- This product fits with the requirements of REACH regulation (Registration, Evaluation, Authorization and Restriction of Chemicals).
- This product fits the requirements of ZDHC program (Zero Discharge of Hazardous Chemicals).

Physicochemical parameters:

Aspect	Translucent yellow liquid.
Chemical Nature	Blend of fatty acids and amine in aqueous solution.
Ionic character	Anionic.
Solubility (sol. 10% w/w)	Soluble at 25°C, under stirring.
Nonvolatile content (%)	20.0 – 22.0
pH (sol. 10% w/w, 25°C)	7.0 – 8.0
Application stability	Stable in alkaline, acid, saline bath and hard water.

Application:

Previously treatment to barriness:

- 2.0 to 4.0% Goldgen ABP.
- 20 minutes at 60°C – pH 5.0 – 6.0
- Cool, adjust the pH to 8.0 – 8.5 and dyeing.

Leveling of dyeing defects:

- 2.0 to 4.0% Goldgen ABP.
- 2.0 g/l Ammonia.
- 40 minutes at 90°C.
- Metering 2.0 g/l Ammonium sulfate.
- If necessary, add acetic acid to exhaust the bath.
- Cool, drain and wash.

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

Note: Given the variety of substrates and applications processes, the information provided with fidelity should be understood as a guidance tool, therefore we cannot be responsible for any damages resulting from an inappropriate use. The data contained in this technical informative are based on current knowledge and applications of our products performed. Additional information can be obtained from our technical department. Review: 03/05/2018.