GOLDLUB FI 50%

Softener, lubricant and anti-static.

Fields of Application:

- Softener, lubricant for yarns, woven and knit fabric of cellulosic, synthetic fibers and their blends.

Features:

- It provides a smooth and soft touch without greasy feel.
- Auxiliary in carding processes and other spinning processes of synthetic fibers.
- It has a good lubricant and anti-static effect.
- Auxiliary in napping processes.
- It does not yellow white substrates and not change the pastel colors shades.
- The product has good stability if it is stored according to SDS guidelines. Avoid sudden changes of temperature.
- This product fits the requirements of ZDHC program (Zero Discharge of Hazardous Chemicals).

Physicochemical parameters:

Aspect	White to slightly brown liquid.
Chemical Nature	Composition of ethoxylates.
Ionic character	Nonionic.
Solubility (sol. 10% w/w)	Soluble at 25°C, under stirring.
Nonvolatile content (%)	9.0 – 11.0
pH (Sol. 10% w/w, 25°C)	5.5 – 7.5
Compatibility	Compatible with cationic, anionic and nonionic products, however it is recommended previously tests.
Application stability	Stable to hard water, acid and alkaline bath in normal application quantities.

Application:

4.0 – 8.0%	On the total textile substrate weight in napping processes.
0.4 – 1.2%	Spinning of natural and synthetic fibers, mixed with the same amount of water on the total substrate weight.
Synthetic substrate	Applied 20.0 – 80.0 g/l in continuous process.

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As a softener is recommended the following conditions:

Discontinuous	- 2.0 – 6.0% Goldlub FI 50%. - 20 – 30 minutes between 40 – 50°C. - pH 4.0 – 5.5 adjusted with acetic acid.
Continuous	- 20.0 – 60.0 g/l Goldlub FI 50%. - Pick-up 80 – 100% - Dry at 100 – 130°C.

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: 01/16/2018.