

GOLDCOM TA

High efficiency sequestrant over iron salts.

Application:

- Treatment of cellulosic, animals, synthetic fibers and their blends.
- Continuous, semi-continuous or discontinuous demineralization process.
- It is not recommended for dyeing bath with dyes which contain metals in their molecules, for this medium it is recommended the use of Goldperse NG.

Features:

- It helps in the removal of iron from cellulosic fibers avoiding distortions with reddish coloration in bleaching processes.
- It sequesters iron, calcium and magnesium salts, forming soluble compounds.
- Previous laboratory tests should be made to verify possible substrate resistance losses due to product's pH.
- It is recommended the substrate neutralization after demineralization process.
- The product has good stability if it is stored according to SDS guidelines. The product is sensitive to high temperatures. Avoid temperatures above 65°C.
- This product complies with the parameters required by the Oeko-Tex certification.
- This product fits the requirements of ZDHC program (Zero Discharge of Hazardous Chemicals).

Physicochemical parameters:

Aspect	Clear dark brown liquid.
Chemical Nature	Combined organic polymers.
Ionic character	Anionic.
Solubility (sol. 10% w/w)	Soluble at 25°C, under stirring.
Nonvolatile content (%)	28.5 – 31.5
pH (Sol. 10% w/w, 25°C)	1.0 – 3.0
Alkali (NaOH) resistance, 25°C	Resistant up to 40° Bé.
Viscosity (LVT S2 V30, 25°C)¹	Max. 500 cp
Compatibility	Compatible with anionic and nonionic products, however it is recommended previously tests. It precipitates with cationic products.
Stability in the application	Stable in alkaline and saline baths. Stable in acid bath with pH until 1.0

¹ LVT, S2, V30 – Rotational viscometer (Brookfield) type LVT – Viscosity measurement with Spindle 2, speed 30 RPM.

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Application:

Scour process and discontinuous demineralization treatments	- 0.5 to 2.0 g/l Goldcom TA. - Temperature 60 – 70°C - Time 20 to 40 minutes.
Continuous process	- 2.0 – 20.0 g/l Goldcom TA (pick-up: 80-120%)
Pre-bleach and bleach process	Indicated 0.5 to 2.0 g/l Goldcom TA

Note: The quantities are for guidance only, they may be defined in accordance with the substrate and water used in the process.

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: 12/06/2017.