



Technical Data Sheet

TEXOWET VIP®

***Completely Biodegradable
Multifunctional Agent Which Act As A
Detergent, Softener, Wetting, Dispersing
And Leveling Agent***

Description

Texowet VIP® is a completely biodegradable multifunctional agent which act as a detergent, softener, wetting, dispersing and leveling agent. It stands out for its ability to confer a high quality look on the fabric and as a consequence on the final article, bringing out its added value.

Texowet VIP® is particularly suitable for natural fibers (such as cotton, wool, silk) and its mixtures with synthetic fibers.

Depending on the desired effects **Texowet VIP®** can be used in the preparation process, in dyeing and in finishing it is stable with all the pH types from alkali to acid.

Texowet VIP® is ideal for every type of dyes (for flock, threads, skein, roll or garments). And for all kinds of processes whether it is exhaustion process (with vertical and horizontal autoclaves, jets overflows, garment dyeing machines etc.) or continuous (pad batch, pad steam, pad jigger etc.).

It allows to shorten some processes, saving on time, energy cost and water consumption.

Benefits:

- ❖ As a detergent it is ideal for preparation processes as it is very powerful in emulsifying possible oil stains from the process of weaving.

- ❖ As a wetting agent, it increases the penetration both in the preparation and in Dyeing processes, therefore, improving the leveling.
- ❖ **Texowet VIP®** is an excellent dispersing and leveling agent for direct, sulfurous, indanthrene and reactive dyes.
- ❖ It allows to use reactive and indanthrene dyes for cotton towels and gives them a volume effect which significantly increases the fabric quality and improves the leveling from the inside to the outside of the fiber.

Other Benefits:

- **Texowet VIP®** allows to shorten processes when used in the bleaching bath, it allows to skip previous degreasing, when used in the dye bath in medium and dark tones it allows to skip the stage of chemical bleaching.
- Additionally, for its solubilizing power, it can be used in the pasting of the non-cationic dyes in the automatic dye kitchen preventing lump formation.
- Thanks to its rewetting properties when used in the finishing process it facilitates the thread winding or back winding with less breakage. In the case of a fabric piece it facilitates the winding, cut and sewing.
- **Texowet VIP®** is an oil-based product. This fact makes it to be a very good lubricant when used in the dye bath together with electrolytes.



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TECHNICAL FEATURES

Appearance:	Yellowish Liquid
Ionic Character:	Anionic
pH:	8 ± 1
Solubility:	Soluble in cold water

Stability to Hard water: Stable in usual working conditions. If the hardness is high the solution can become cloudy, this can be corrected with a small addition of sequestering agent.

Stability to Electrolyte: Stable in usual working conditions.

Stability to Acids: Stable in usual working conditions.

Stability to Alkalis: Stable in usual working conditions. In the baths of high concentrations of caustic soda (70--100 m/l) the wetting power may slightly be reduced.

Compatibility: Stable with anionic and non-ionic auxiliaries. The compatibility with cationic products should previously be tested in each case.

PROPERTIES

Hydrophilic and Rewetting:
Fabric of Raw Cotton 100% treated with **Texowet VIP®** 2--6 gram/l at 98°C for 15 min. Compared to a surfactant product **Texowet VIP** has a very good wetting power, it is of very low foaming at low temperatures which avoids the problem of airlock foaming when loading the fabrics into the machine.

APPLICATIONS

Texowet VIP® is recommended as a solubilizer in all types of dyes (except for cationic dyes) in pasting. 0.15—0.3 parts to 1 part of dye.

Texowet VIP® has a leveling effect and promotes penetration when dyeing with substantive dyes which gives the article a soft and pleasant touch. 0.5—1.0 % of **Texowet VIP** calculated on the weight of the goods.

Exhaustion Process: Optical Bleaching

3—6 gram/liter.

Texowet VIP® does not change shades allowing bleaching with optical shades in the same bath.

Texowet VIP® is compatible with enzymes allowing enzymatic desizing by exhaustion processes.

Desizing PES/PA:

Texowet VIP® 2--5 gram/liter at 80°C for 30 minutes.

Continuous Processes:

Scouring/Optical Bleaching

Texowet VIP® 5—15 gram/liter Use with H₂ O₂ and NaOH liq 50%, absorption is 80%, Steam for 15 minutes at 102°C, washing with hot and cold water.

Pad Batch Process:

Texowet VIP® 10—20 gram/liter



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Packing:

120kg plastic drum

Storage:

Texowet VIP® can be stored for six months under cool and well-ventilated conditions from the date of manufacturing. Container should be capped all the time and keep product away from heat. Should not exceed 35° C, Close lids firmly to avoid contact with air and moisture.

Shelf Life

06 months from the date of manufacturing, when stored under controlled conditions.

ISSUED: JUNE-2018