

Technical Information

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derypol

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Himoloc GOX301

Product for paper and paperboard manufacturing

DESCRIPTION

Dry strength agent for paper manufacturing.

Better dissolution compared to emulsion and solid products.

The product is free of organic solvents, surfactants and volatile organic compounds (VOCs).

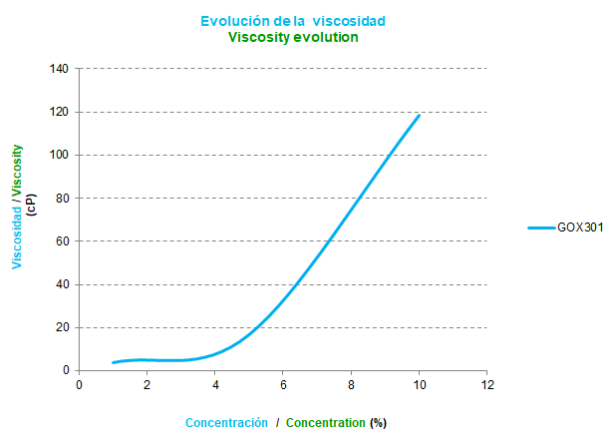
Its main ingredients are: polymer, salts and water.

CHARACTERISTICS

Type of product	: Anionic acrylamide copolymer in aqueous dispersion
Appearance	: White milky liquid
Ionic character	: Anionic
Density	: 1,2 g/cm ³
Residual Acrylamide	: ≤ 250 ppm
pH	: 2,5 – 4,5
Viscosity	: ≤ 2000 cP
Shelf life	: We recommend not keeping the product for more than 9 months

Note: The parameters indicated here are not necessarily the specifications of the product. These will be agreed with each customer and will be part of the contract that must be respected for each batch supplied.

** In case you think of checking the quality of this product, we strongly recommend to do it within the 15 days period after receipt. At the same time, we recommend the product to be stored in those good conditions as indicated in section 7 of the MSDS. In doing it this way, we will avoid any possible deviation owing to inadequate storage conditions. Another option you may consider is sampling the batch-product as it arrives to your facilities. That sample will be easily kept in good conditions and may be analyzed as convenient.*



APPLICATION

- It is recommended to dissolve the product in water prior to use. It can be dissolved by using a static mixer.
- Any quality of water can be used for its preparation. Depending on the water quality, the resulting solution will have varying stability or shelf life.
- It is recommended to use it in a programme together with a cationic promoter such as starch or our Hydrosol HYD151.
- It is recommended to dose it on the concentrated slurry in the mixing tanks, level box or before the fan pump, at a commercial product dosage of between 4-12 Kg/Tn dry fibre.

Consult our technical staff in case of any doubt.

BENEFITS

- Improves inter-fibre bonds and mechanical properties.
- Improves dry strength.
- It helps considerably to improve drainage.
- Improves the quality of sheet formation.

STORAGE AND DISTRIBUTION

- The product should be kept in a covered place, the container tightly closed, protected from sunlight and within the temperature range recommended in Section 7 of the Safety Data Sheet.
- Once the container is open, avoid contamination. Check the Material Safety Data Sheet.
- Take the habitual precautions when handling a chemical product. Avoid the product to contact with eyes, skin or clothes.
- There is a great variety of containers. Check with our Customer Service in order to choose the most convenient one.

REGULATORY

The product abides by the next regulations:

- FDA – 21 CFR 176.110 – for paper and paperboard in contact with food.
- FDA - 21CFR 176.180 - Components of paper and paperboard in contact with dry food.
- BfR – Recommendation XXXVI: Paper and Board for food contact – B: Production aids – III: Retention agents.
- GB9685- Hygienic Standards for Uses of Additives in food containers and packaging materials.

Consult our technical staff in case of any doubt.