

Technical Information

Current version 2.1
08/03/2024

derypol

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HIMOLOC ZW261

Product for paper and paperboard manufacturing

DESCRIPTION

Dry strength agent for paper manufacturing.

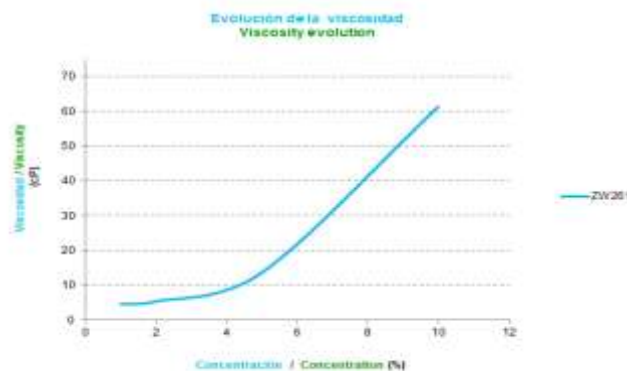
The product is free of organic solvents, surfactants and volatile organic compounds (VOCs).

Its main ingredients are: polymer, salts and water.

CHARACTERISTICS

Type of product	: Water dispersion amphoteric polymer
Appearance	: White milky liquid
Ionic character	: Amphoteric
Odor	: Salty odor
Density	: $\approx 1.2 \text{ g/cm}^3$
pH	: 4 – 6
Viscosity	: < 2000 cP
Molecular weight	: Low
Shelf life	: We recommend not keeping the product for more than 6 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.



APPLICATION

- It is recommended to dissolve the product in water prior to use at a concentration of up to 10%, although it dissolves easily in any proportion. The only limitation is the viscosity of the solution. Even under optimum conditions it can be dosed pure without dissolution.
- The recommended dosage is between 4 - 12 Kg /Tn dry fiber
- Consult with our technical staff in case of any doubt.

BENEFITS

- Improves dry strength.
- Improves the bonds between fibers, improving dry mechanical properties.
- Easy solubility, can be dosed in-line.
- It helps to control grammage, increasing machine speed and increasing productivity.
- It allows to decrease the amount of starch used in mass, maintaining the final quality.

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

Consult our technical staff in case of any doubt.