

# Technical Information

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# derypol

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## Himoloc ZW111

Product for water treatments

### DESCRIPTION

**Water treatment flocculant where a low amphoteric charge is needed.**

Better dissolution compared to the emulsion and solid products.

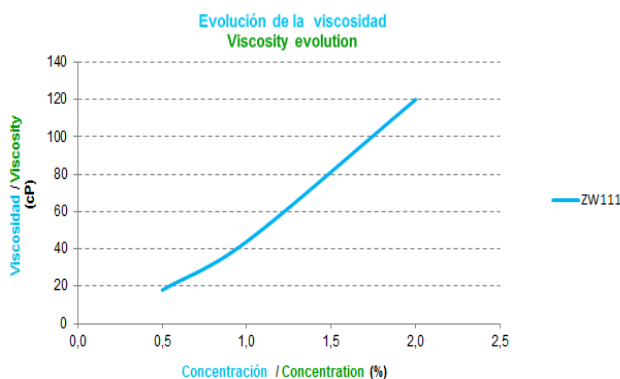
The product is free of organic solvents, surfactants and volatile organic compounds (VOCs).

Its main ingredients are: polymer, salts and water.

### CHARACTERISTICS

|                  |  |
|------------------|--|
| Type of product  | : Amphoteric polymer in aqueous solution.                      |
| Appearance       | : White milky liquid   |
| Ionic character  | : Amphoteric   |
| Odor             | : Salty odor   |
| Density          | : 1.2 g/cm <sup>3</sup>  |
| pH               | : 3 - 5  |
| Viscosity        | : < 1500 cP  |
| Molecular weight | : High   |
| 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 a 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. It dissolves easily in any proportion. The only limitation is the viscosity of the solution, it is advisable not to exceed concentrations higher than 5%.
- Any water quality can be used for its preparation. Depending on this, the final solution will have a variable stability or variable usage time, it can be dosed using a static mixer.
- In order to achieve maximum performance of the product, it is necessary to choose the most appropriate dosage and the dosage point.
- It can work alone or in combination with other products commonly used in water treatment, such as: aluminum sulphate, aluminum polychloride, ferric chloride, polyamine, lime, etc.
- It is important to avoid the entry of water into the product circuit, so it is recommended to use non-return valves. If this were to happen, gels could be formed and could block the pipes.

Consult with our technical staff in case of doubt.

## BENEFITS

**The following treatments are recommended:**

- Flocculant used in industrial waters (decantation or flotation).
- It does not cause the emission of Volatile Organic Compounds (VOCs).
- Sludge treatment coming from a poor digestion or with a high content of volatile compounds.
- Water treatment: separation of oils and grease by flotation.
- It's manufacturing process has a low environmental impact, compared with any other process for flocculant products.

## 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 with any other water based product and/or with strong bases. Check the Material Safety Data Sheet.
- For bulk product avoid metal tanks. Plastic materials are recommended (polypropylene, polyethylene...).
- 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 doubt.