

# Technical Information

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# derypol

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## Hyfloc FIC59E

Product for water treatments

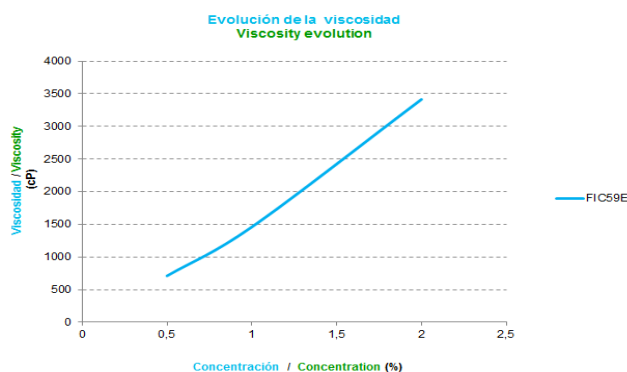
### DESCRIPTION

Water and sludge treatment semi cross-linked flocculant where a medium-high cationic charge is needed.

### CHARACTERISTICS

Type of product	: Emulsion cationic polymer
Appearance	: Whitish opaque liquid
Ionic character	: Medium-high Cationic
Odor	: Hydrocarbon
Density	: $\approx 1.03 \text{ g/cm}^3$
Viscosity	: 500 - 2000 cP
Molecular weight	: High
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. The only limitation is the viscosity of the solution.
- It is advisable to prepare around 0.5% and not to exceed concentrations higher than 1%.
- 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.
- Any quality of water can be used for its preparation. Depending on it, the final solution will have a variable stability or variable usage time.
- In order to achieve the maximum product performance it is necessary to choose the most appropriate dosage and dosage point.
- 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 our technical staff in case of any doubt.

## BENEFITS

The following treatments are recommended:

- Industrial Water Flocculant (decantation or flotation).
- Because of its cross-linked structure combined with a high molecular weight, this product is recommended for high speed centrifuges since it forms a very resistant floc and provides good dewatering ratios.
- Effective in a wide range of pH.

## 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 the 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.