

# Technical Information

Current revision 6

15/01/2021

# derypol

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## Hyfloc SS140

Product for water treatments

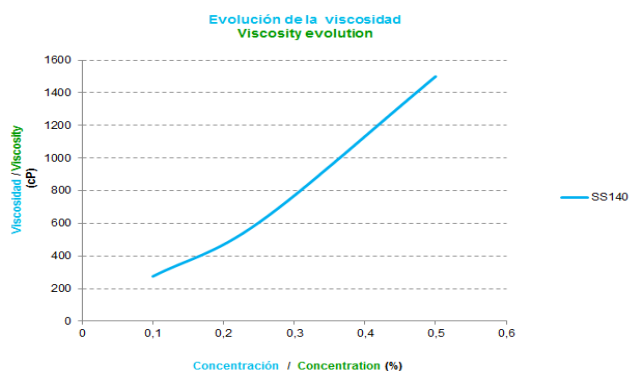
### DESCRIPTION

Water treatment flocculant where a high anionic charge is needed.

### CHARACTERISTICS

Type of product	: Powder anionic polymer
Appearance	: White granulated solid
Ionic character	: High anionic
Viscosity (UL)	: 5.3 - 6.4 cP
Viscosity (0,1%)	: 150 - 400 cP
Percent Solids	: 88 - 100 %
Molecular weight	: High
Shelf life	: We recommend not keeping the product for more than 12 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 preparing dissolutions at concentrations within the range of 0.1-0.5%.
- After a few minutes of strong agitation it will be necessary a period of time of 60 minutes of slow/gentle agitation to complete the dissolution.
- For an easier and more effective dissolution of the product we recommend using a venturi feeder, which will provide an adequate contact between water and product.
- Solution stability depends on diverse factors like water quality, pH, temperature, concentration, etc. It is recommended preparing a solution of the product and consuming it in the next few hours. A loss of dissolution viscosity indicates that it begins to degrade. However, you still can make a good use of it, maybe we will need some extra dosage to keep the same performance.
- The optimum dosing point will depend on each individual case and it must be determined in situ. For this purpose Derypol a team of technical - sales at your disposal

Consult our technical staff in case of any doubt.

## BENEFITS

- Flocculant used in industrial waters (decantation or flotation).
- It provides excellent results in sludge dewatering processes, both in belt filters and centrifuges. In belt filters, the belt is kept clean, especially in cases where there is a high content of hydrocarbons or hydrophobic compounds.
- Suitable for those applications with a big consumption of flocculant.
- Effective in a wide range of pH.
- It can work alone or combined with other common products used in water treatments as: aluminium chloride, aluminium polychloride, ferric chloride, polyamine, lime, etc. In those cases if finally an anionic flocculant is used we can get a more complete and effective flocculation (dual treatment).
- Product free of organic solvents and surfactants, with a very low content of volatile organic compounds (VOC).

## 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.
- 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 any doubt.