

# Technical Information

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# derypol

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## Hyfloc SS140DW

Product for treatment of water intended for human consumption

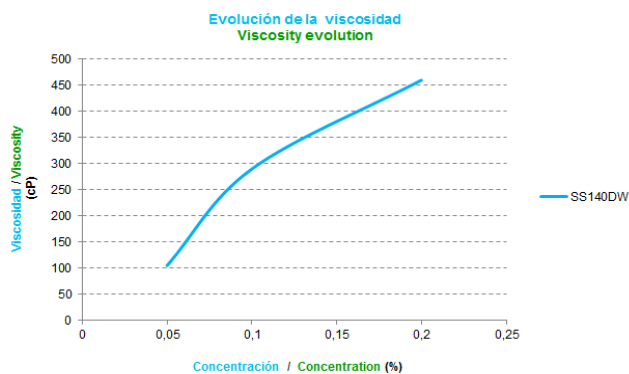
### DESCRIPTION

Water treatment flocculant where a high anionic charge is needed.

### CHARACTERISTICS

Type of product	: Anionic polyacrylamide in powder form
Appearance	: White granulated solid
Ionic character	: Anionic
Percent Solids	: > 85 %
Residual Acrylamide	: <250 ppm
Molecular weight	: Very 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: quality of the dilution water (hardness, conductivity, and pH), temperature, concentration, etc. It is recommended consuming any dissolution in the next few hours after its preparation. When a loss of viscosity is observed it means that solution degrades. Even if this occurs the dissolution is still useful, though now the dosage necessary to keep the performance may be higher.
- 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

## BENEFITS

- Flocculant for treatment of drinking water.
- Flocculant for sludge from a water treatment plant.
- Effective in a wide range of pH (6-14).
- 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.

The product abides by the next regulations:

- The product complies with the European (CEN) Standard: EN 1407:2008 (Anionic and non-ionic polyacrylamides) on chemicals used for treatment of water intended for human consumption.