

Technical Information

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derypol

C/ Plató 6, Entlo. 5º- 08021 Barcelona (Spain)
Tel. (93) 238 90 90, Fax (93) 238 90 91
www.derypol.com

HIMOLOC TX9812

Product for water treatments

DESCRIPTION

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

Better dissolution compared to emulsion and solid products.

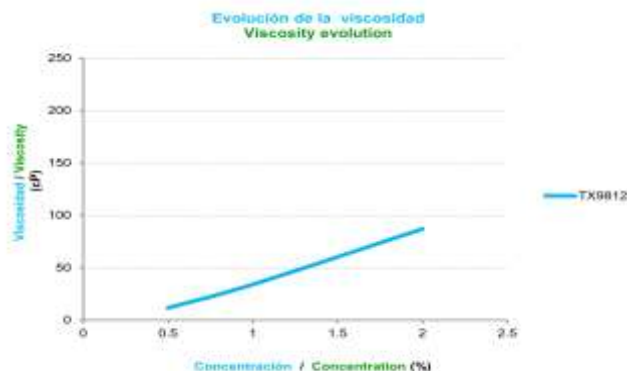
The product is free of organic solvents, surfactants and volatile organic compounds (VOCs).

Its main ingredients are: polymer, salts and water.

CHARACTERISTICS

Type of product	: Water dispersion cationic polymer
Appearance	: White milky liquid
Ionic character	: High cationic
Odor	: Salty odor
Density	: $\approx 1.2 \text{ g/cm}^3$
Residual acrylamide	: < 250 ppm
pH	: 3 – 5
Viscosity	: < 2500 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 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 can be dosed using a static mixer.
- It is advisable not to exceed concentrations higher than 5%.
- 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.
- 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.
- 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 with our technical staff in case of any doubt.

BENEFITS

- The following treatments are recommended:
- 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.
- Sludge treatment (dehydration in belt and press filters, centrifuge, screw press, etc ...).
- It does not cause the emission of Volatile Organic Compounds (VOCs).
- High conductivity media.

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.
- 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.