

Technical Information

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Hyfloc FIC100

Product for water treatments

DESCRIPTION

Water treatment flocculant where a low cationic charge is needed.

CHARACTERISTICS

Type of product	: Emulsion cationic polymer
Appearance	: Clear whitish liquid
Ionic character	: Low Cationic
Odor	: Hydrocarbon
Density	: $\approx 1.04 \text{ g/cm}^3$
Viscosity	: 300 - 3500 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 appear in the contract that must be respected for each batch supplied.

** Si el cliente tiene pensado realizar un control de calidad de cada lote del producto que recibe, se recomienda encarecidamente que se realice el control durante el transcurso de los primeros 15 días desde la recepción. Así mismo, se recomienda que el producto se conserve siguiendo las condiciones que aparecen en el apartado 7 de la Hoja de Datos de Seguridad. Actuando así, evitaremos posibles desviaciones debidas a un almacenamiento en condiciones no adecuadas. Otra alternativa que se contempla es la de tomar una muestra del producto-lote en el momento de la recepción, esta muestra será fácilmente conservada en buenas condiciones y permitirá un posterior análisis.*

Evolución de la viscosidad
Viscosity evolution



APPLICATION

- It is recommended to dissolve the product in water prior to use. The only limitation is 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, sulphate, aluminum polychloride, ferric chloride, polyamine, lime, etc.
- Any quality of water can be used for its preparation. Depending on it, the final solution has stability or variable usage time.
- In order to achieve the maximum product performance it is necessary to choose the most appropriate and dosage point.
- It is important to avoid the entry of water into the product circuit, so it is recommended to use 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).
- Sludge treatment (dehydration in belt and press filters, centrifuge, press screws, etc ...)
- 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 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 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.