



General product information

Cationic Poly-acrylamide based polymers with high molecular weight and cross-linked chain specifically designed to promote quick solid/ liquid phases separation in waste water treatment plants and process water.

Strong coagulating agents for waste water treatment used in settling/ flotation units.

Qualifloc CLC Product Range

Products belonging to the Qualifloc CLC series are:

- Qualifloc CLC 7010
- Qualifloc CLC 7020
- Qualifloc CLC 7040
- Qualifloc CLC 7050
- Qualifloc CLC 7060
- Qualifloc CLC 7080

Application Features

Qualifloc CLC series products are used to improve solid/ liquid separation in several applications and industrial processes as waste water streams, mining, steel industry, refinery, petrochemical processes.

These products are designed to promote quick solid/ liquid phases separation in waste water treatment plants and process water. Tailored for settling - flotation units, dewatering machines and wherever is required a quick and complete separation of solids from water. Water phase if left clean allows a discharge at minimum level of residual suspended solids while solid phase is separated with minimum level of residual water.

Advantages

- Maximize settling rates
- Improve discharged water clarification
- Work over a wide range of pH
- Can be used alone or after a primary inorganic or organic flocculants addition
- High efficiency as sludge conditioning aid

Application and dosage level

Diluted working solution of Qualifloc is prepared adding it to industrial water under agitation.

To obtain a complete polymer dissolution the required

contact time into service tank is minimum ½ hour. Advised standard contact time is 1 hour.

Typical treatment level (product "as is"):

- Flocculant: 0.5-30 ppm
- Coagulant aids: 1-5 ppm
- Filtration aids: 0.05-1 ppm
- Sludge conditioning aids: 20-600 grams per ton of sludge to be dewatered

For the selection of the correct product from the Qualifloc CLC series, accurate dosage level recommendation, sales specifications sheet and MSDS please contact your local Italmatch representative.

Italmatch does have sample kits available for the selection of the most appropriate product (and associated dosage level) from our Qualifloc / Qualipol range.

Packaging

- **Drums:** 210 kg
- **IBC:** 1050 kg
- **Bulk:** available on request



Storage and handling

- **Shelf life:** 1 year*
- **Handling:** Read carefully the Safety Data Sheet of the product before handling
- **Storage:** Storage temperature range 5 – 35°C; avoid frost/ freezing; avoid the exposure to sunlight

* It is advised to gently homogenize the product before usage.

More information

If you would like to obtain more detailed information about ITALMATCH - DEQUEST® products or are interested in obtaining a sample for evaluation in your system, please contact your nearest ITALMATCH representative or visit our websites: www.dequest.com or www.grschemtec.com

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