



General product information

Qualipol PD series include poly-DADMAC based products specifically developed to promote coagulation and micro-flocculation.

Can be used alone or in combination with high molecular weight polymers to improve solid/ liquid separation in several applications and industrial processes as waste water streams, mining, steel industry, refinery, petrochemical processes.

Qualipol PD Product Range

Products belonging to the Qualipol PD series are:

- Qualipol PDO1 (high MW)
- Qualipol PDO2 (medium MW)
- Qualipol PDO3 (low MW)
- Qualipol PDP (high MW)

Application Features

Qualipol PD series products are employed for water clarification as coagulant agents and cationic promoters in several units (e.g. dissolved air flotation).

Advantages

- Maximize settling rates
- Improve discharged water clarification
- Work over a wide range of pH
- Can be used alone or after a primary inorganic flocculants addition
- Very efficient as filtration aids
- Can be used as cationic promoters before high molecular weight polymers addition (e.g. Qualifloc series products)
- Effective at low dosage levels as cationic promoter alternative to inorganic products

Application and dosage level

Qualipol PD series products are typically dosed "as is".

Typical treatment level:

- Flocculant: 0.5-10 ppm
- Coagulant aids: 1-5 ppm
- Filtration aids: 0.05-3 ppm
- Sludge conditioning aids: NOT ADVISED

For the selection of the correct product from the Qualipol PD series, accurate dosage level recommendation, sales specification 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:** 200 kg (Qualipol PDP)
210 kg (Qualipol PD 01, PD 02, PD 03)
- **IBC:** 1000 kg (Qualipol PDP)
1100 kg (Qualipol PD 01, PD 02, PD 03)
- **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



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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