

POLYTE705 Flocculant

1. Product Characteristic

- Mainly used in reverse osmosis pretreatment systems, before the multi-media filter.
- Be able to partially or completely replace the currently used aluminum and iron salt inorganic coagulant and can be used alone or in combination with aluminum or iron salt.
- Adapted to a wide range of water pH, 2.0 ~ 10.0ppm dosage generally.
- Close to neutral pH which will not change pH value of the treated water during use.
- Fast coagulation, the density of the aggregate is large and strong, and good settle ability.
- Effectively in removing turbidity and removing bacteria and algae.
- Free from chlorination treatment, and does not increase the soluble metals (aluminum, iron) in the treated water.
- Increase the separation speed of solid and liquid, and extend the filter working cycle when directly filtering.
- Be able to miscible with water in any ratio.

2. Product Feature

- Appearance: light yellow to brownish yellow liquid
- Density (20): $1.25 \pm 0.05 \text{ g/cm}^3$
- pH (1.0%): 3.5-5.5

3. User Guide

POLYTE705 is a high-molecular flocculant made up of precision-treated inorganic salts and high-molecular polymers. It has not only the strong Current-neutralization and adsorption flocculation of inorganic polymer flocculants, but also has strong adsorption bridging effect of organic polymer flocculants. Therefore, the products are mostly used in the multi-media filter process, and play the role of flocculation and sedimentation. The product is more effective in alkaline pH water, and the product has no special requirements for dosing systems and materials.

4. The Dosing Guide

Usually the dilution rate is required to be less than 10 times, or it can be dosed as an original solution depending on the configuration of the dosing system. Please consult with Polymer Tech before the utilization of the drug. The technician will recommend the appropriate dosage according to the water quality and process characteristics, and obtain the best results after on-site debugging.

A further distance from the filter inlet (5.0 to 7.0 m) shall be selected for the agent dosing point. The injection point should be selected at the center of the water flow pipe to ensure uniform mixing of the liquid.

5. Package Standard

25kg per original seal barrel, keep in a cool place. Please refer to MSDS (Material Safety Data Sheet) or COA (Certificate of Authenticity) for the utilization of this product. Products expire date: three years.