Wee-riN Chemical

FLOCTEX 3807

Cationic Polymer

Description

FLOCTEX 3807 is a high molecular weight, low charge cationic polymer are used to increase the efficiency of setting, clarification , sludge thickening and sludge de-watering

Application

Primary clarification

To increase the removal of suspended solid and BOD.

Biological clarification

FLOCTEX 3807 may be required to provide either improved settling rates or suspended solids capture.

Sludge thickening

FLOCTEX 3807 is used in sludge thickening. As waste sludge very broadly in make up, extensive testing may be required to choose the optimum product .

Sludge de-watering

This is often the most demanding polymer application. Due to the high polymer demand and difficulty in removing the maximum amount of water, proper polymer selection is critical. In all cases, floc development and de-watering rate must be evaluated.

Plant feed solution preparation

Viscosity will limit the practical solution strengths of the dry polymers. The following are the maximum recommended strengths.

Solution may be prepared manually by using a low speed mixer with relatively large blades must be used to mix the polymer in the tank. Product degradation will occur if high speed mixers are used. Approximately 30 minutes of mixing is required to properly prepare a feed solution. The mixer should then be turned off.

Available Packaging

25 kg/bag

Typical Characteristic

Apprearance	White powder
Approximate Bulk density	0.80
Recommended operating concentration(g/l)	4
Maximum operating concentration (g/l)	10
Approximate Brookfield viscosity (cps) (1 g/l)	100
Dissolution time in DI water 5 g/l 25^{0}C (minutes)	90
Storage temperature (^{0}C)	0-35
Shelf life (months)	24