

HYDRO 350

Process water coagulant PAC

General Description

Hydro 350 is a viscous liquid, non volatile and non foaming compound.

- Clarification of waste water in glass and ceramic production.

Properties

Colour	White creamy liquid
Specific Gravity	1.12-1.32
pH 1%	3.0 – 5.0

Principles Uses

Hydro 350 has wide application in water treatment process.

Its application is in the separation of suspended matter from the water, namely :

1. Sole Coagulant

For removal of suspended solids from the water.

2. Filtration aid :

To permit operation of filters at hydraulic rates higher than conventionally used while producing water of equal or better quality.

Typical Application for Hydro 350

(1) Industrial Water :

- Clarification of river water, underground water.
- Dewatering of settled sludge.

(2) Portable Water, Municipal Sewage :

- Clarification of primary and secondary effluent.
- Sludge thickening.

(3) Paper and Plup Industry & Coal Mining

- Clarification of pulping waste water.
- Clarification of settled sludge.

Ceramic and Glass Industry

- Clarification of waste water in slate moulding.
- Clarification of waste water in clay industry.

Features

Hydro 350 is very stable.

Hydro 350 will build up a heavy floc and by the aid Hydro 388 will activate the floc to settle down quickly, sooner than any other iron floc.

Hydro 350 is capable of constituting a strong hydrophobic floc.

Hydro 350 provide coagulation action by lowering the zeta potential of suspended particles and flocculating action in growing up of suspended particles with large flocs by bridge bonding action.

Direction for use

A good result and economical dosage on coagulation the suspended particles should be based on a jar test at rate : 20-30 ppm.

Your Hydro Chem's specialist will assist you on the test for the best result.

Handling and safety

It is best to keep the *Hydro Floc* in a cool and dry place, in cases of accidental splashes of solution, should be washed away with water. Keep container closed while not in use.

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