ESTOFLOX 939
(Flocculant)

Product Description:

ESTOFLOX 939 polymers / flocculants should be considered whenever industrial process require the separation of solid particles from aqueous solutions during various stages of operations. Separation of suspended solids from aqueous systems is required in many processes, ranging from the recovery of valuable minerals to the disposal of industrial wasters. The three different grades suitable for different effective pH range are as follow :-

Specification ESTOFLOX 939
Appearance : Colourless viscous Jelly
Nature :Anionic
Specific Gravity 1.02 + 0.02
pH (as supplied) 6.5 + 1.0
Solubility in Water Infinitely soluble
Shelf Life
Six to eight months in well closed Carbouy not exposed to atmosphere.
Industrial Uses of ESTOFLOX 939 range of polymer/ flocculant

Minerals (Dressing) : Settling of tailing. Filteration of concentrates.

Concentration of recovered materials. Bentonite formulation.

Textiles : Effluent treatment. Raw water clarification. (Use in

conjunction with alum dosing).

Sewage : Filtration or drainage of sludge's. Improvement of sand

filtration. Filtration of slimes.

Steel : Settling of gas scrubber effluents. Settling of rolling

mill effluent solids.
Aluminium Sulphates : Settling of sludge.
Chemicals : Settling and filtration of solids in processing. Settling

of effluent solids.

Power Generation : Fly ash settling. Cooling water sludge prevention.

Softening sludge concentration.

Aluminium : Settling of red mud.

Procedure for use of ESTOFLOX 939

Dilute the jelly to make 3 different solution of 1%, 1.5%, 2% on jelly basis,(i.e. in 3 separate containers having 1000ml.ofwater, add 10gms, 15gms & 20gms of ESTOFLOX 939 jelly respectively). Take 3 beakers containing 500ml. of solution to be treated and add 5 ml. of any one diluted ESTOFLOX 939 solutions in each beaker respectively. Shake slowly and allow to stand. Settling will commence immediately. Check the percentage of solution best suited to your needs. Repeat experiment by adding either more than or less than 5 ml. of diluted solutions to get the exact results.

Packing

100 Kgs capacity HDPE Carbouys.