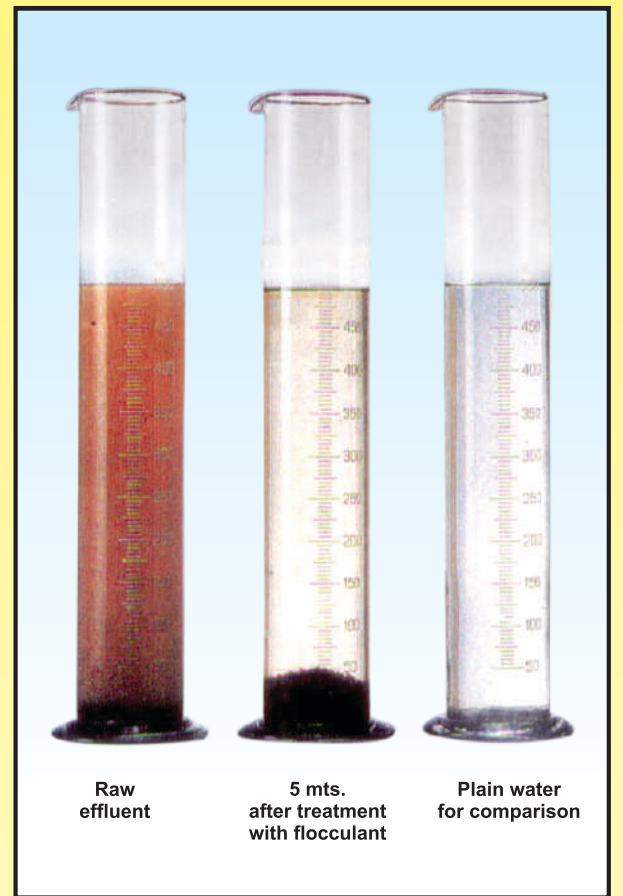


ACUROFLOC® range of

Polyelectrolytes

Anionic, Non Ionic & Cationic grades



High molecular weight flocculants are capable of promoting flocculation by neutralizing the superficial electric charges of sludge particles in the water and unstabilizing each individual particles. The particles then are absorbed by the activated functional group in the flocculant polymer.

PRODUCT CHARACTERISTICS

- ▶ SUPERIOR FLOC FORMATION
- ▶ USE OVER A BROAD PH RANGE
- ▶ SUPERIOR CLEANING PERFORMANCE
- ▶ MAJOR EFFECTS YIELDED WITH LIMITED USE
- ▶ COMBINED USE WITH INORGANIC FLOCCULANTS HEIGHTENS SUPERIOR TREATMENT EFFECTS

COMMON GRADES

BRAND	ACUROFLOC AT124	ACUROFLOC NI310	ACUROFLOC CN530
Major Contents	Polyacrylamide	Polyacrylamide	Polyacrylic ester
Ionicity	Medium Anionic	Non Ionic	Strong Cation
Shape	White granules	White granules	White granules
Bulk Density	0.7	0.63	0.63
Dissolution conc	0.05 -0.20	0.05-0.20	0.1-0.3
Effective pH range	5-12	3-10	4 -9
Aqueous Solution pH (0.1%)	6-8	5-7	3-6
Molecular Weight (x10)	1900	1700	550
Viscosity 0.1%	280	65	290
Viscosity 0.2%	450	130	360
Application	mining, coal washing, metal processing, etc	Paper & pulp waste water, iron & steel works waste water	Dewatering of organic sludge from sewage, human waste, etc