

## PAPER CHEMICALS KOREA

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*Technical Information*

# SEMP-330

## FLOCCULANT / RETENTION AGENT

### The expected benefits of SEMP-330 are as follows.

- (1) Excellent flocculating performance ⇒ Increases efficiencies of water treatment with DAF
- (2) Better efficiencies of water treatment when is used with coagulating agent
- (3) Improves retention and drainage in the wet web section ⇒ Better productivity
- (4) Decreases COD and SS of white water ⇒ Better stability of white water
- (5) Increases the ash content in the paper and improves the overall paper quality

### Characteristics

Chemical Description	Anionic Polyacrylamide in Emulsion
Appearance	Milky white liquid (at 25°C)
Specific Gravity	1.10 ± 0.10 (at 25°C)
pH Value	6.5 ± 1.0 (at 25°C)
Solid	34.0 ± 2.0% (at 120°C, 2hrs)
Viscosity	Under 2,000 cPs (at 25°C, Brookfield 60 rpm)
Shelf Life for Storage	12 months (Original sealed packaging & at room temperature)

### Applications

- (1) Water treatment of dosage is 5 ~ 20ppm wet base of water.
- (2) Retention agent of dosage is 0.01 ~ 0.04% wet base of dry stock.  
Apply into the fan pump inlet or outlet, screen inlet or outlet.  
Dilute less than 0.1% and dose with special dosing units.

### Safety

**SEMP-330** does not exert any harmful effects on the health when it is used properly. The attention for handling and the precautions in details are given in MSDS.