



Paper Making



SINOFLOC has a complete range of water-soluble polymers specifically designed to handle all the problems occurring in the wet end stages of the paper-making process:

- [Paper Retention Aid](#)
- Sludge Dewatering
- [Dispersant Agent](#)

SINOFLOC target is to help our customers to optimize costs and machine efficiency, to improve the appearance and performance of printed paper and board. SINOFLOC is committed to providing the products that are environmentally and economically by increasing the flow-ability and water savings while reducing overall costs.

Paper Retention Aid

Fillers, fines, fibers, and minerals could be selectively retained in the sheet by optimizing retention. This approach will increase the paper quality and improving productivity. Well controlled retention will also improve dewatering and the retention of other papermaking chemicals. SINOFLOC paper retention aid is designed to improve the water holding capacity, drainage, and operation of machines. Our retention aid could either be used as a single retention system or be used in combination with mineral or organic coagulants.

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SINOFLOC paper retention aid characters

- High retention capacity
- Good filtration speed
- Reduce steam consumption and breakdowns in wet parts.

Sludge Dewatering

Sludge treatment is an important part of the water treatment in paper industry which can be performed on filter, screw and belt presses and also centrifuges. For dewatering the target is to achieve maximum water releasement while getting acceptable rates of solids throughput. Technically there is an optimum condition for each unit where desired solid throughput and cake moisture are met. Also, the quality of water discharging from the unit is needed to be taken into account. SINOFLOC cationic flocculants and coagulants are an effective sedimentation and centrifugation reagent in the treatment of partially digested or activated or chemically treated waste sludge from the paper.

Dispersant Agent

SINOFLOC dispersant agent could help the solid material dispersed in a liquid easily and stably. Our products could deflocculate solids and thus significantly reduce the viscosity of dispersion and the solid loading could be increased accordingly.

[SINOFLOC](#) dispersant agent, with shorter dissolving time, has been widely used in the papermaking of tissues, household papers writing papers and napkins.

SINOFLOC dispersant agent characters:

- Short dissolving time
- Evenly disperses pulp fiber with good forming effects
- Enhance dry-wet degree and tension.

SINOFLOC is committed to help our customers and this industry to reduce water consumptions, improve the paper quality and increase the equipment productivity. Moreover, our products are more environmental and economical.

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