



Mining



SINOFLC offers a range of products for customers in alumina, cooper, nickel, gold, iron ore, coal, phosphate, white pigments and aggregates. We understand your special needs for increased mineral recovery, the importance of water recycling and increased energy efficiency. Our full range of polymer products which includes non-ionic, anionic and cationic charged products, all at varying molecular weights to suit the varied needs within the mining industry:

- [Coal Washing](#)
- Tailing Treatment
- [Solid Liquid Separation](#) by Filtration and Centrifugation
- Other Mineral Processing for Gold, Silver, Iron, Nickel, Cooper

Coal Washing

Along with the booming of infrastructure in all over the world, the coal industry began to expand which results to many operational challenges including fines handling and effluent management. The process of coal washing is essential to separate harmful metals from raw coal. Our portfolio flocculants and coagulants will make you operations more efficiency to get the clean coal.

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Tailing Treatment

A certain amount of mine dumps are produced as a waste during mining process which needs to be handled. The most common way of tailing treatment is to thicken the material prior to disposal and to get the water reuse in the process. [SINOFLOC](#) flocculants could add to this thickening process to increase the setting rate the fine solids and reduce the size of the thickeners needed. The proper application of the flocculants could impact the whole operational efficiency. SINOFLOC team could help you to choose the optimize products.

Solid Liquid Separation by Filtration and Centrifugation

SINOFLOC full range of products is developed for the solid liquid separation in mining process to improve the performance of mineral processing and mine wastewater treatment systems. SINOFLOC coagulants could increase the efficiency of flocculants used for solids removal in wastewater clarification, through neutralize surface charges. Our SINOFLOC flocculants can aid sedimentation in water clarification, to be used together with a coagulant for charge neutralization.

Other Mineral Processing for Gold, Silver, Iron, Nickel, Cooper

Customized solutions could be designed by SINOFLOC team about more separating mixtures to be used in foam control, flotation concentrate thickening, and tailing flocculation etc.

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