



Nonionic Flocculants

SINOFLOC nonionic flocculants are technically pure polyacrylamides. Nonionic polyacrylamide exhibits neutral nonionic properties in the aqueous solution which is hardly influenced by the PH value in the application.

SINOFLOC nonionic flocculants are suitable for use as a settlement aid in many different mineral-processing applications and are particularly effective under very low PH conditions, as encountered in acidic leach operations.

Nonionic Polyacrylamide (PAM) Specifications

Products	Product Code	Charge	Molecular Weight
Nonionic PAM Powder	SINOFLOC 9010	<5	High
Nonionic PAM Powder	SINOFLOC 9010H	<5	Very High

The solutions of SINOFLOC nonionic polymers must be prepared in suitable plants equipped with dry powders feeding and dispersion units and with continuous and moderate agitation. The dissolution water must have a temperature included between 10°C and 40°C; For a correct use of SINOFLOC **nonionic polyelectrolyte** and in order to achieve the best possible results, it is necessary to allow a “maturation” time of 60 minutes. When treating turbid water, the flocculants solution must be added to the water in a point of average turbulence, in order to achieve a thorough and homogeneous mixing without impairing the flock formation. Recommend operating concentration is 3g/l, and the maximum operating concentration is 15g/l. For an optimum performance on specific applications on nonionic flocculant, please consult with [SINOFLOC](http://www.sinofloc.com) team.