



## Cationic Flocculants

SINOFLOC [cationic flocculants](#) are co-polymers of acrylamide with increasing proportions of cationic monomers. The cationic groups, which are thus introduced into the polymer, have positive charges in aqueous solution. Our cationic polyacrylamide is available in solid powder and emulsion forms.

### Cationic Polyacrylamide (PAM) Specifications

Products	Product Code	Cationic Charge	Molecular Weight
Cationic PAM Powder	SINOFLOC 605	Slightly	High
Cationic PAM Powder	SINOFLOC 606	Slightly	Very High
Cationic PAM Powder	SINOFLOC 610	Low	High
Cationic PAM Powder	SINOFLOC 611	Low	Very High
Cationic PAM Powder	SINOFLOC 615	Low	High
Cationic PAM Powder	SINOFLOC 616	Low	Very High
Cationic PAM Powder	SINOFLOC 620	Low/Medium	High
Cationic PAM Powder	SINOFLOC 621	Low/Medium	Very High
Cationic PAM Powder	SINOFLOC 625	Low/Medium	High
Cationic PAM	SINOFLOC	Low/Medium	Very High



Powder	626		
Cationic PAM Powder	SINOFLOC 630	Medium	High
Cationic PAM Powder	SINOFLOC 631	Medium	Very High
Cationic PAM Powder	SINOFLOC 635	Medium	High
Cationic PAM Powder	SINOFLOC 636	Medium	Very High
Cationic PAM Powder	SINOFLOC 640	Medium	High
Cationic PAM Powder	SINOFLOC 641	Medium	Very High
Cationic PAM Powder	SINOFLOC 645	Medium	High
Cationic PAM Powder	SINOFLOC 646	Medium	Very High
Cationic PAM Powder	SINOFLOC 650	Medium	High
Cationic PAM Powder	SINOFLOC 651	Medium	Very High
Cationic PAM Powder	SINOFLOC 655	Medium/Strongly	High
Cationic PAM Powder	SINOFLOC 656	Medium/Strongly	Very High
Cationic PAM Powder	SINOFLOC 660	Medium/Strongly	High
Cationic PAM Powder	SINOFLOC 661	Medium/Strongly	Very High
Cationic PAM Powder	SINOFLOC 665	Medium/Strongly	High
Cationic PAM Powder	SINOFLOC 666	Medium/Strongly	Very High
Cationic PAM Powder	SINOFLOC 670	Strongly	High
Cationic PAM Powder	SINOFLOC 671	Strongly	Very High



Cationic PAM Powder	SINOFLOC 680	Very Strongly	High
Cationic PAM Powder	SINOFLOC 681	Very Strongly	Very High
Cationic PAM Powder	SINOFLOC 690	Very Strongly	High
Cationic PAM Emulsion	SINOFLOC 1209	Low	High
Cationic PAM Emulsion	SINOFLOC 1409	Medium	High
Cationic PAM Emulsion	SINOFLOC 1509	Medium/Strongly	High
Cationic PAM Emulsion	SINOFLOC 1809	Very Strongly	High

### Products Feeding:

The solutions of [SINOFLOC](#) cationic 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 cationic 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 polyacrylamide applications on cationic polyacrylamide flocculant, please consult with SINOFLOC team.

### Related Products



**Cationic Polyacrylamide for Oil & Gas Industry**



**Cationic Flocculants for Paper Making**



**Cationic Flocculants for Municipal Wastewater Treatment**