

Sumifloc series

Anion/Nonion

Grade Name	Main Components	Ionicity	Appearance	Bulk Density	Effective pH range	Molecular Weight *10 ⁴	pH of 0.1% Aq. Solution	Typical Application	Package	
FN-10H	Polyacrylamide	Nonion	White Granule	0.50~0.60	4~10	1,300	5.5~6.5	Superior solid-liquid separation in acidic condition. Waste water treatment for paper & pulp mill.	15kg Paper bag	
FN-12				0.50~0.60	3~12	1,500	6.0~7.0	Superior solid-liquid separation in weak acidic condition. Waste water treatment for paper & pulp mill, aluminum, copper, and zinc.		
FN-13				0.55~0.65	3~12	1,700	6.0~7.0			
FN-15H				0.55~0.65	4~8	1,700	6.0~7.0			
FN-20H				Weak Anion	0.55~0.65	4~8	1,700			6.5~7.5
FA-30		0.60~0.70			4~10	1,700	6.5~7.5			
FA-40		Medium Anion		Medium Anion	0.65~0.75	4~10	1,600	6.5~7.5		Superior solid-liquid separation in neutral condition. Waste water treatment for paper & pulp mill, steel mill, chemical, dye, and metal processing etc.
FA-40H					0.65~0.75	4~12	1,900	6.5~7.5		
FA-41HC					0.65~0.75	4~12	1,900	7.0~8.0		
FA-50		Strong Anion		Strong Anion	0.65~0.75	4~12	1,700	7.0~8.0		Superior solid-liquid separation in the range of from neutral to weak alkaline pH. Waste water treatment for gravel washing, and civil engineering etc.
FA-50H					0.65~0.75	4~12	1,900	7.0~8.0		
FA-70					0.65~0.75	4~12	1,800	7.0~8.0		
FA-40E		Medium Anion		Medium Anion	0.70~0.80	4~10	1,600	7.0~8.0		Easily dissolve type. Turbid water treatment for civil engineering such as dam, tunnel etc.
FA-50E					0.70~0.80	4~10	1,600	7.5~8.5		
FA-200		Polysodium acrylate		Strong Anion	0.70~0.80	6~14	700	7~10		Waste water treatment for alkaline waste water, and food etc.

※ Refer to our brochure and SDS, before using Sumifloc.

Cation

Grade Name	Ionicity	Cation mol%	Molecular Weight *10 ⁴	Grade Name	Ionicity	Cation mol%	Molecular Weight *10 ⁴
FC-285A	Strong Cation	85	250	FC-280	Strong Cation	100	600
FC-280S		80	700	FC-282		100	400
FC-280H		80	600	FC-300R		100	350
FC-280B		80	300	FC-300		100	300
FC-270B	Medium Cation	60	700	FC-300N		100	250
FC-270A		60	300	FC-300B		100	200
FC-270AH		50	600				
FC-270AB		50	400				
FC-261B		40	700				
FC-260AS	Weak Cation	40	700				
FC-260A		40	400				
FC-185AH		30	700				
FC-200		20	600				
FC-160A		20	700				
FC-135A	Weak Cation	20	500				
FC-115H		10	700				
FC-095		2	600				

<The following items correspond to all the cation-based resin>

Appearance	White Granule	Bulk Density	0.55~0.65	Dissolution concentration	0.1~0.3%
Effective pH range	3~11	pH of 0.5% Aq. Solution	2~4	Package	15kg Paper bag
Typical Application	Superior solid-liquid separation and dewatering of (1)paper and pulp, (2)chemical, (3)food, (4)other processing waste water, (5)sewage, (6)human waste water.				