



# Range of Flocculants and Coagulants for water and wastewater treatment

Gama de Coagulantes y Floculantes  
para tratamiento y depuración de aguas



**CROMOGENIALINITS**

YOUR SPECIALIST FOR SPECIALTIES

 **DIVISIÓN  
SIDASA**



# NON-IONIC

Characteristics / Product:	N51	11100ACIDA
Ionic charge density	Exento	
Molecular weight	Alto	Muy Alto
Apparent density in g/l.	0,80	0,80
Approx Brookfield viscosity in cps.		
5 g/l	400	450
2,5 g/l	160	180
1,0 g/l.	60	100
Dissolution time in min.	90	90

The full range of SIFLOC polyelectrolytes includes non-ionic, anionic and cationic in liquid and powder. Specially mark the LDP liquid range, high concentration oil base polyelectrolyte specially efficient in front the liquid emulsion and powder grade.

La gama completa de floculantes SIFLOC incluye polielectrolitos no-iónicos, catiónicos y aniónicos en grado polvo y líquido. Destaca especialmente la gama líquida LDP, polielectrolito base aceite de muy alta concentración y eficacia frente a productos líquidos en emulsión inversa e incluso grado polvo.

# ANIONIC

## LIQUID *LÍQUIDOS*

Characteristics / Product:	HIGH MOLECULAR WEIGHT LINEAL IN LDP PESO MOLECULAR ALTO LINEALES EN LDP			HIGH MOLECULAR WEIGHT PESO MOLECULAR ALTO				
	DISPERSION EN DISPERSIÓN			EMULSION EN EMULSIÓN				
	105CL	110CL	120CL	105	110	120	130	150
Ionic charge density	Low	Medium	Very High	Low		Medium		High
Specific gravity, in kg/l.	1,1	1,1	1,1	1,03	1,03	1,04	1,05	1,05
Approx Brookfield viscosity in cps								
Commercial product	500	600	600	1.200	1.200	1.200	1.200	1.200
5 g/l	2.900	2.900	2.900	500	1.000	1.800	2.800	2.800
Active content in %	50	50	50	30	30	30	30	30

## POWDER *GRADO POLVO*

Characteristics / Product:	LOW ANIONIC ANIONICIDAD BAJA				MEDIUM ANIONIC ANIONICIDAD MEDIA		
	11407BF	11345	713N	520	330	530	630
Ionic charge density	Low				Medium		
Specific gravity, in kg/l.	0,8	0,8	0,8	0,8	0,8	0,8	0,8
Approx Brookfield viscosity in cps							
5 g/l	400	700	1.000	400	500	950	900
2,5 g/l	200	350	420	200	250	450	450
1,0 g/l	80	120	140	80	70	150	150
Dissolution time in min.	60	90	90	60	60	60	90

Characteristics / Product:	HIGH ANIONIC ANIONICIDAD ALTA				VERY HIGH ANIONIC ANIONICIDAD MUY ALTA				
	720I	540	11567	11656	350	360	11767	11514	760
Ionic charge density	High				High / Very High		Ultra High		
Specific gravity, in kg/l.	0,8	0,8	0,75	0,75	0,75	0,80	0,75	0,80	0,80
Approx Brookfield viscosity in cps									
5 g/l	900	760	950	1700	950	1800	2000	700	900
2,5 g/l	450	360	450	650	450	700	800	350	450
1,0 g/l	150	180	150	200	150	300	350	120	150
Dissolution time in min.	60	60	90	90	60	90	90	60	60



# ETIC FLOCCULANTS

## DEFOAMERS

Characteristics / Product:	SIFLOC AF110	SIFLOC AF220	SIFLOC AF BIO	SC1 ANTI-FOAM AGENT	SIFLOC AF330	ANTIESPUMANTE DEPURADORA
Chemical functionality	Aqueous base	Oil base			Silicon base	
Appearance	White liquid	Yellow liquid		Beige liquid	White liquid	
Specific gravity, in kg/l.	1,00	1,00	0,90	1,00	1,00	1,00
Approx Brookfield viscosity in cps.	600	150	200	700	900	900

## POLYFUNCTIONAL COMPOUNDS

Characteristics / Product:	SIFLOC PA	SIFLOC PB	SIFLOC PC	SIFLOC CM-150
Chemical functionality	Powdered polymers mix			Liquid polymers mix
Appearance	Solid Brown	Solid Grey		Transparent liquid
Charge density	Non-ionic	Anionic	Cationic	Cationic
Approx apparent density, in kg/l.	1,00	1,00	1,00	1,10
pH dissolution 5 g/l	6,5	9,0	6,5	4,5

## AUXILIARY COMPOUNDS

Characteristics / Product:	SIFLOC NP	SIFLOC ECO	SIFLOC LIFT POWDER
Chemical functionality	Nutrients mix	Bacterial mix	Bacterial and nutrients mix
Appearance	Brown powder	Grey liquid	Grey powder
Composition (%)	C: 15, N: 11,P: 3	Aerob./Anaerob:80/20	Aerob./Anaerob:80/20
Temperature range	5-40°C	10-40°C	10-40°C
Density	1,00	1,00	1,00
pH	n.a	6	8

# ORGANIC COAGULANTS

## Organic coagulants *Coagulantes Orgánicos*

Cromogenia UNITS shows the new patented, organic-sinthetic coagulant, very high cationic, and variable molecular weight, efectively designed to replace the full inorganic and other organic coagulants like poliamine and polidadmacs

Cromogenia Units presenta un nuevo coagulante orgánico-sintético patentado, de cationicidad ultra alta y diferentes pesos moleculares, diseñado para sustituir de forma efectiva el conjunto de coagulantes inorgánicos y otros coagulantes orgánicos tipo poliaminas y polidadmacs

### VERY HIGH CATIONIC ORGANIC COAGULANTS *COAGULANTES ORGÁNICOS POLIMÉRICOS DE CATIONICIDAD MUY ALTA*

Characteristics / Product:	ROQUAT ATR2N	ROQUAT ATR3	ROQUAT ATR4	ROQUAT ATR5
Chemical functionality	Poliquat			
Specific gravity, in kg/l.	1,00-1,05	1,05-1,10	0,99-1,19	1,05-1,15
Approx Brookfield viscosity in cps.	150-250	180-220	200-400	200-400
pH	3,0-7,0	5,0-7,0	7,5-8,5	5,0-7,0
Active content in %	18-22	28-32	39-41	22-26

### POLYAMINE AND POLYDADMACS *POLIAMINAS Y POLIDADMACS*

Characteristics / Product:	SIFLOC C12	SIFLOC C-30	SIFLOC C-30H	SIFLOC C-20	SIFLOC C-40L	SIFLOC C-40
Chemical functionality	EPI+DMA			DaDMaC		
Specific gravity, in kg/l.	1,00-1,05	1,11-1,15	1,12-1,16	1,11-1,15	1,11-1,15	1,00-1,10
Approx Brookfield viscosity in cps.	200-1000	1000-3000	2500-6000	200-1000	1000-3000	7,000-10,000
pH	4,5-6,5	4,5-6,5	4,8-6,8	4,5-6,5	4,5-6,5	5,0-7,0
Active material content in %	20-25	48-50	48-50	18-22	38-42	38-42

### SPECIAL ORGANIC COAGULANTS *COAGULANTES ORGÁNICOS ESPECIALES*

Characteristics / Product:	ROQUAT DF10	SIFLOC C-61	ROQUAT DSSM 70NE	SIFLOC DE 1100	SIFLOC ME 95
Application	Colour removal		Demulsifiers oil		Metal eliminator
Specific gravity, in kg/l.	1,20-1,30	1,20-1,30	1,05-1,10	1,05-1,15	1,05-1,10
Approx Brookfield viscosity in cps.	200-1,000	200-1,000		N.R	N.R
pH	4,0-6,0	0,6 - 1,40	5,0-7,0	7,5-8,5	9,0-13,0
Active content in %	54-60	15-20	69-71	30-35	15-20



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