

PRODUCT INFORMATION

SPEC-NO.: PAC - 01

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Product	OBRAFLOC 18	
Description	aqueous solution of basic polyaluminium chloride (PAC). The product is suitable for water treatment in accordance with DIN EN 883. OBRAFLOC 18 is a fixing and flocculant agent of high efficiency. Due to its cation-activity the product reacts with anionic components and colloid particles in aqueous systems.	
Formula	$Al_n(OH)_mCl_{3n-m}$	
CAS-No.	1327-41-9	
Product Specification	Al_2O_3	17.0 ± 0.5 %
	Al^{3+}	9.0 ± 0.3 %
	Cl^-	21.5 ± 1.0 %
	basicity	38.0 ± 5.0 %
Physical Characteristics	appearance	clear-yellowish liquid,
	charge density	cationic
	density (20 °C)	1.37 ± 0.02 g/cm ³
	pH (20 °C)	1.0 ± 0.5
	freezing point	< -15 °C

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Application

OBRAFLOC 18 is suitable as a fixing as well as flocculant agent of rosin size in the paper industry, preferably for the sizing of systems containing calcium carbonate.

OBRAFLOC 18 improves the efficiency of the sizing by absorbing anionic trash from the system.

OBRAFLOC 18 increases the retention of the fibres as well as of the fillers which results in the clarification of the circulating water.

OBRAFLOC 18 is suitable as a precipitant and flocculant in the preparation of potable water as well as in the purification of sewage water.

Packaging

1 cbm-containers, tank lorries

Handling

Please see Safety Data Sheet for OBRAFLOC 18;
national handling regulations should be taken notice of.

Note

Any details of application possibilities do not free the purchaser from the obligation of performing his own tests on the material supplied by the seller in order to determine their suitability for the intended processes and purposes. Application, use and processing of the material cannot be controlled by the seller and are thus the sole responsibility of the purchaser.

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