

	Product Information	
	Aluminium Sulphate 17/18%, technical grade according to DIN EN 878	
Date: 08 / 2023	PI-Nr.: ALU-01	page 1 of 1
Revision: 03		

Description

Aluminium Sulphate 17/18 % is manufactured by dissolving aluminium hydroxide in sulphuric acid.



Formula
CAS-No.

$\text{Al}_2(\text{SO}_4)_3 \cdot 14 \text{H}_2\text{O}$
16828-12-9

Product Specification

Content Al	min. 9.0 %
Content Fe	according to DIN EN 878
Content Heavy metals	according to DIN EN 878
Basicity	max. 0.5 %
Water-insolubles	max. 0.1 %

Physical Characteristics

Density (20°C)	ca. 1.7 g/cm ³
Bulk density	ca. 1000 kg/m ³
Solubility in water (20°C)	ca. 600 g/l
pH-value (2g/100ml H ₂ O; 20°C)	ca. 3 – 4

Grain Size

0 – 2.0 mm	2.0 – 8.0 mm
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Application

Aluminium Sulphate 17/18 % is suitable as a fixing as well as a flocculant agent of rosin size in the paper industry and improves the efficiency of the sizing by adsorbing anionic trash from the system. It increases the retention of fibers and fillers which results in the clarification of the circulating water and it is used as a precipitant and flocculant in the preparation of potable water as well as in the purification of sewage water.

Packaging

The delivery of the material is possible via silo truck, polylined paper bags á 25 kgs net or in Big Bags.

Storage and Handling

The packaging should be kept closed in a dry place at room temperature. If stored as described the stability and shelf life of above mentioned product are at least 3 years from date of manufacture

Note

Any details of application possibilities do not free the purchaser from the obligation of performing his own test 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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