

Product

Aluminium potassium sulphate dodecahydrate is manufactured by dissolving aluminium hydroxide in sulphuric acid with addition of potassium sulphate.



Appearance

Colorless crystals or white crystalline powder


Formula

$KAl(SO_4)_2 \cdot 12 H_2O$

CAS-No.

7784 – 24 – 9

Product Specification	Contents of $KAl(SO_4)_2$	99.0 – 100.5 %
	Loss on drying (1 h, 400 °C)	43.0 – 46.0 %
Chem. Purity	Fe	max. 0.02 %
	Pb	max. 0.03 %
	Water- insolubles	max. 0.01 %
Physical Characteristics	Density (20 °C)	approx. 1.75 g/cm ³
	Bulk Density	approx. 1,000 kg/m ³
	Solubility in water (20 °C)	approx. 120 g/l
	pH (10 g / 100 ml H ₂ O; 20 °C)	approx. 3.0 – 3.5
Grain Size	0 – 2 mm	

	Product Information	
	Aluminium potassium sulphate dodecahydrate (POTASSIUM ALUM) technical grade	
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Application	Aluminium potassium sulphate dodecahydrate is used as a coagulation agent for rubber latex, it is applied in leather tanning and as mordant in the dyeing industry.
Packaging	Polyethylene bags of 25 kgs and of 50 kgs net.
Handling	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 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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