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TECHNICAL DATA SHEET

ALUMINIUM SULPHATE

Commodity: Aluminium Sulphate 17% , solid

GUARANTEED ANALYSIS:

Properties

Appearance	White
Solubility of Aluminium Sulphate in 100g H ₂ O:	
at 0°C	67.5 g Al ₂ (SO ₄) ₃
at 10°C	74.5 g Al ₂ (SO ₄) ₃
at 20°C	82.5 g Al ₂ (SO ₄) ₃
at 30°C	96.0 g Al ₂ (SO ₄) ₃
at 50°C	140.5 g Al ₂ (SO ₄) ₃
at 100°C	405.0 g Al ₂ (SO ₄) ₃

The aqueous solution reacts acidic in consequence of hydrolysis. In case of pH increase, especially in the neutral range of pH, precipitation of aluminium hydroxide may occur.

Specification

Chemical Formula	Al ₂ (SO ₄) ₃ approx. 14 H ₂ O	
Parameter	Unit	Value
Al ₂ O ₃	%	17.0±0.5
Aluminium (Al)	%	9.0±0.3
Basicity	%	0.3±0.2
Water insoluble matter	%	0.2±0.1
Iron (Fe)	mg/kg	max.70
Heavy Metal (not including iron)	%	<0.02

Storage

Store the product under dry conditions at room temperature.

Types of Products

Lumps	10-100 mm
Kibbled	2.5-12 mm
Powder	0-2.5 mm

Application

The main fields of applications are:

- Potable Water treatment
- Waste Water treatment
- Pulp and Paper Industry
- Sugar Industry
- Leather Industry
- Textile Industry
- Construction Industry

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