

## دیتا شیت شرکت زادآب TECHNICAL DATA SHEET

### ALUMINIUM SULPHATE

Commodity: Aluminium Sulphate ۱۷% , solid

GUARANTEED ANALYSIS:

Properties

Appearance White

Solubility of Aluminium Sulphate in ۱۰۰g H<sub>2</sub>O:

|          |   |
|----------|---|
| at ۰°C   | ۶۷,۵ g Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub>  |
| at ۱۰°C  | ۷۴,۵ g Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub>  |
| at ۲۰°C  | ۸۲,۵ g Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub>  |
| at ۳۰°C  | ۹۶,۰ g Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub>  |
| at ۵۰°C  | ۱۴۰,۵ g Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> |
| at ۱۰۰°C | ۴۰۵,۰ g Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> |

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<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub> approx. ۱۴ H<sub>2</sub>O

Types of Products

Lumps ۱۰-۱۰۰ mm

Kibbled ۲,۵-۱۲ mm

Powder ۰-۲,۵ mm

| Parameter                      | Unit | Value    |
|--------------------------------|------|----------|
| Al <sub>2</sub> O <sub>3</sub> | %    | ۱۷,۰=۰,۵ |
| Aluminium (Al)                 | %    | ۹,۰+۰,۳  |
| Basicity                       | %    | ۰,۳=۰,۲  |

Application

Water insoluble

matter % ۰,۲=۰,۱

Iron (Fe) mg/kg max. ۷۰

Heavy Metal

(not including iron) % <۰,۰۲

The main fields of applications are:

-Potable Water treatment

-Waste Water treatment

-Pulp and Paper Industry

-Sugar Industry

-Leather Industry

-Textile Industry

Storage

Store the product under dry conditions at room temperature.



شماره: .....  
تاریخ: .....  
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شرکت زادآب و خشور  
تولید کننده تجهیزات تصفیه آب و فاضلاب  
تاسیس ۱۳۵۴



-Construction Industry

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۱۲EU-۳۳AO

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شماره: .....  
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شرکت زادآب و خشور

تولید کننده تجهیزات تصفیه آب و فاضلاب

تاسیس ۱۳۵۴



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