

# 硫酸铵

Ammonium Sulfate



产品名称：**硫酸铵**

规格：GB535-83

分子式： $(\text{NH}_4)_2\text{SO}_4$

相对分子量：132.13

性质：白色或灰白色晶体，易溶于水，水溶液呈酸性，不溶于醇、丙酮和氨。与碱类作用放出氨气。易潮解。

用途：化学工业用作双氧水，铵明矾和氯化铵生产的原料，焊接工业用作焊药，纺织工业用作织物的防火剂。电镀工业用作电镀浴添加剂。农业上用作氮肥，适用于一般土壤和作物。食品级产品用作面团调节剂、酵母养料。

包装：25/50/1000KG塑编袋、纸塑复合袋包装或按客户要求。

规格：

| 主要指标名称                                 |   | 指 标     |      |
|----------------------------------------|---|---------|------|
|                                        |   | 工业级     | 农业级  |
| 氮（N）含量（以干基计） %                         | ≥ | 21.0    | 20.5 |
| 水分（H <sub>2</sub> O） %                 | ≤ | 0.2     | 1.0  |
| 游离酸（H <sub>2</sub> SO <sub>4</sub> ） % | ≤ | 0.05    | 0.20 |
| 铁（Fe） %                                | ≤ | 0.007   | —    |
| 砷（As） %                                | ≤ | 0.00005 | —    |
| 重金属（以Pb计） %                            | ≤ | 0.005   | —    |
| 水不溶物 %                                 | ≤ | 0.05    | —    |



## Ammonium Sulfate

Quality Standard: GB535-83

Relative Molecular Weight: 132.13

Molecular Formula:  $(\text{NH}_4)_2\text{SO}_4$

Property: White or off-white granule, easily soluble in water. Aqueous solution appears acid. Insoluble in alcohol, acetone and ammonia, Easily deliquescent in the air.

Use: Used as materials for producing hydrogen peroxide, ammonia alum and ammonium chloride in chemical industry; flux in jointing industry; fireproof agent in textile industry; additive of plating bath in plating industry; nitrogenous in agricultural industry. Applicable to common soil and crops. Food-grade products are used as dough regulators and yeast nutrition.

Specification:

| Index Name                                     |   | Index            |                    |
|------------------------------------------------|---|------------------|--------------------|
|                                                |   | Industrial grade | Agricultural grade |
| Nitrogen(N) content(bases on dry basis) %      | ≥ | 21.0             | 20.5               |
| Water content(H <sub>2</sub> O) %              | ≤ | 0.2              | 1.0                |
| Free acid ( H <sub>2</sub> SO <sub>4</sub> ) % | ≤ | 0.05             | 0.20               |
| Iron(Fe) %                                     | ≤ | 0.007            | —                  |
| Arsenic ( As ) %                               | ≤ | 0.00005          | —                  |
| Heavy metal(bases on Pb) %                     | ≤ | 0.005            | —                  |
| Insoluble substance in water %                 | ≤ | 0.05             | —                  |

Package: plastic woven bag or paper plastic composite bag,

Net weight: 25/50/500/1000kg or according to customer's request.