

P硝酸钾

otassium Nitrate



产品名称：**硝酸钾**

技术指标：GB 1918-2011

分子式： KNO_3

分子量：101.10

性质：无色透明斜方或菱形晶体白色粉末，相对密度2.109，易溶于水和甘油，不溶于乙醇和乙醚。在空气中不易潮解，为强氧化剂，与有机物接触能燃烧爆炸。

用途：主要用于焰火、黑色火药、火柴、导火索、烛芯、烟草、彩色显像管、药物、化学试剂、催化剂、陶瓷釉彩、玻璃、肥料，及花卉、蔬菜、果树等经济作物的叶面喷施肥料等。另外，冶金工业、食品工业等将硝酸钾用作辅料。医药工业用于生产青霉素钾盐，利福平等药物。

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		优等品	一等品	合格品	农业级（防结块）
硝酸钾（ KNO_3 ）%	≥	99.7	99.4	99.0	98.0
氧化钾（ K_2O ）%	≥	46.0	46.0	46.0	46.0
含氮量（N）%	≥	13.5	13.5	13.5	13.5
水份%	≤	0.10	0.10	0.30	0.2
氯化物（以 Cl^- 计）%	≤	0.01	0.02	0.10	—
水不溶物%	≤	0.01	0.02	0.05	—
硫酸盐（以 SO_4^{2-} 计）%	≤	0.05	0.02	—	—
吸湿率%	≤	0.25	0.01	—	—
铁（Fe）%	≤	0.003	0.30	—	—



Potassium Nitrate

Molecular Quality Standard：GB 1918-2011

Molecular Formula： KNO_3

Molecular Relative Molecular：101.10

Property：Potassium Nitrate is a kind of white power with colorless transparent crystalline powder ,relative density:2.109,melting point :334℃ .It releases oxygen 400℃ .It easily dissolves in water, not in alcohol. not easily deliquesce into the air. It's a kind of strong oxidizer , it canbe burn and explod when mixed with organism.

Use: Mainly used in glass bulb of kinescope and automobile lights, glass clarifier, Used as compound fertilizer of crops and flowers, leaf spraying fertilizer. It is material for producing gunpowder such as firing and firecracker etc. In medicine industry, it is used in producing rifampicin etc. Used in producing cigarette paper, catalyst and mine separating agent.

Specification:

Specification	Fine Grade	First Grade	Qualified Grade	Agricultural grade (avoid caking)
Purity %	≥ 99.7	99.4	99.0	98.0
K_2O %	≥ 46.0	46.0	46.0	46.0
Total N %	≥ 13.5	13.5	13.5	13.5
Moisture %	≤ 0.10	0.10	0.30	0.2
Chloride content(as Cl^-) %	≤ 0.01	0.02	0.10	—
Insoluble matter in water %	≤ 0.01	0.02	0.05	—
Sulfate content(as So_4^{2-}) %	≤ 0.05	0.02	—	—
Moisture absorption %	≤ 0.25	0.01	—	—
Iron %	≤ 0.003	0.30	—	—

Package: plastic woven bag or paper plastic composite bag,

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