

High purity grade potassium nitrate KNO₃



High purity grade potassium nitrate

Molecular formula: KNO₃

Molecular weight: 101.1

CAS NO.:7757-79-1

HS CODE: 28342190

UN No.: 1486 type 5.1 oxidant

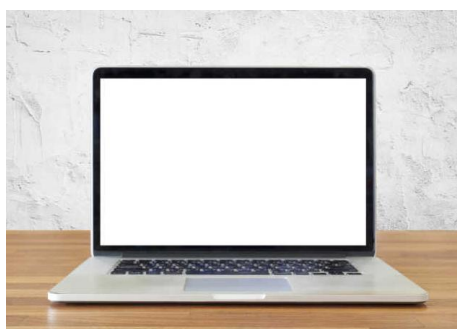
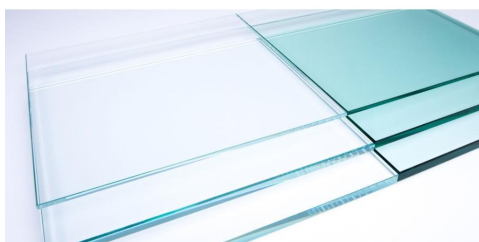
Features and characteristics: High purity potassium nitrate is colorless transparent crystal or white crystal with deliquescence. The relative density is 2.11 and the melting point is 330 °C. It is easily soluble in water, ethanol and glycerol, insoluble in absolute ethanol and has strong oxidation. It is mainly used in fine chemical industry, tempered glass, glass clarifier, mobile phone display screen, computer display screen, picture tube glass shell, etc. Organic chemical conductive molten salt, metal heat treatment, special glass, and also used as catalyst and beneficiation agent.

Inspection Items	Unit	High purity grade
Purity	%≥	99.7

Moisture	%≤	0.10
Cl ⁻ Chloride(as Cl)	%≤	0.01
Sulphate(as SO ₄ ²⁻)	%≤	0.005
Insoluble Matter in Water	%≤	0.01
Fe	%≤	0.003
Moisture absorption rate	%≤	0.25
K ₂ O	%≤	-
Nitrogen(in nitrate)	%≤	-

Application

Application: High purity grade potassium nitrate is mainly used in fine chemical industry, tempered glass, glass clarifier, mobile phone display screen, computer display screen, picture tube glass shell, etc. Organic chemical conductive molten salt, metal heat treatment, special glass, and also used as catalyst and beneficiation agent.



Quality Control

OUR LABORATORY



Production equipment:

We have advanced equipment and the quantity of our product has reached the world-leading levels.





Our Advantage:

- 1,We are one of the largest and best producers of nitrate products in China.
- 2,We have advanced equipment and the quantity of our product has reached the world-leading levels.
- 3,Preferential prices, high quality and multiple methods for payment.
Rapid production and delivery.
- 4,Our products are widely exported to Japan, Korea, Australia, Canada, Southeast, Asia and Africa for years. Up to now, we have exported our products to more than sixty countries, they are well accepted by the customers and have won good reputation both at home and aboard.
We would like to supply the best quality products and excellent service, hand in hand with customers to create brilliant!

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