

POTASSIUM NITRATE POWDER

Stock No: NS6130-12-000937



KNO_3



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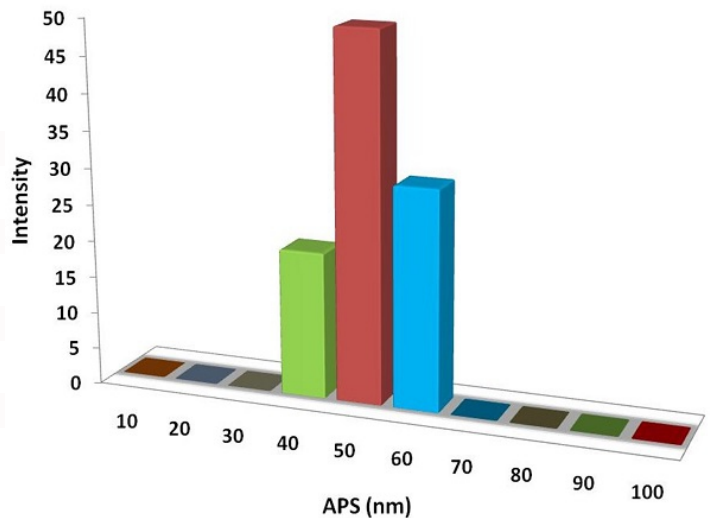
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Potassium Nitrate Powder

Potassium nitrate is a chemical compound with the chemical formula KNO_3 . It is an ionic salt of potassium ions K^+ and nitrate ions NO_3^- , and is therefore an alkali metal nitrate. Potassium nitrate is soluble in hot water. This compound releases oxygen when heated or decomposed. It is a strong oxidizing agent. It is widely used in the removal of the stump, fireworks, fertilizers, etc. It is a major constituent of black powder and food preservation techniques.

Quick Facts

Product	: Potassium Nitrate Powder
Color	: White Powder
Stock No	: NS6130-12-000937
CAS	: 7747-79-1
Purity	: 99.9%
APS	: 40-60 μ m
Other Metal	: 850ppm



Technical Specification

Molecular Formula	Molecular Weight	Density	Melting Point
KNO_3	101.1032 g/mol	2.109g/cm $_3$	334 °C

Applications

- It is used extensively used in the preservation of hides
- It has medicinal applications such as a diuretic in medicine
- Used in toothpaste to make the teeth less sensitive to pain
- Used in the food industry to preserve meat against microbial agents
- It is used as gunpowder in explosives such as bombs, grenades, etc.

ISO 9001:2015
CERTIFIED COMPANY



2021CE4588C



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