



99.999% Purity Kr Gas Cylinder Gas Krypton China Factory Supply

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: Kr
- Minimum Order Quantity: 1 Liter
- Price: US\$1-2/Liter
- Packaging Details: Cylinder
- Delivery Time: One Month
- Payment Terms: L/C, T/T, Western Union
- Supply Ability: 5000 Liter/Year



Product Specification

- Product Name: Krypton Gas
- Cylinder Pressure: 15MPa/20MPa
- Melting Point: -156.6 °C
- Boiling Point: -153.3°C
- Appearance: Colorless, Odorless
- Purity: 99.999%
- Highlight: **Krypton Specialty Gas,
99.999% Purity Gas Krypton, Kr Gas Cylinder**



More Images



Product Description

Krypton gas is a chemical element with the symbol Kr and atomic number 36. It belongs to the noble gases group on the periodic table, which also includes helium, neon, argon, xenon, and radon. Krypton is a colorless, odorless, and tasteless gas that is found in trace amounts in the Earth's atmosphere.

Here are some key points about krypton gas:

Properties: Krypton is a monatomic gas, meaning it exists as individual atoms rather than molecules. It is relatively dense compared to other noble gases, and it has a higher boiling and melting point. Krypton is chemically inert, which means it does not readily react with other elements or compounds.

Discovery: Krypton was discovered in 1898 by two British chemists, Sir William Ramsay and Morris Travers. They were studying the residue left behind after evaporating liquid air and noticed a new component in the gas mixture.

Abundance: Krypton is a rare gas in the Earth's atmosphere, constituting only about 1 part per million (ppm) by volume. It is obtained from the air by a process known as fractional distillation, which involves cooling and condensing air to separate its components.

Uses: Krypton has various practical applications due to its unique properties. It is commonly used in certain types of lighting, such as high-intensity discharge lamps and fluorescent lamps, where it helps produce a bright white light. Krypton is also used in lasers, as an insulating gas in certain types of windows, and as a filling gas in specialized thermal insulation units.

Isotopes: Krypton has several stable isotopes, with krypton-86 being the most abundant (about 57% of natural krypton). Other stable isotopes include krypton-84, krypton-82, and krypton-83. Additionally, krypton has several radioactive isotopes, which are used in scientific research and various applications.

It's worth noting that while krypton gas has practical uses, it is not typically encountered in everyday life and does not pose any significant health risks or environmental concerns.

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|-------------------|---------------------|---------------------|--------------|
| DOT Class | 2.1 | Un No | 1056 |
| Cylinde | GB/ISO/DOT | Cylinder Pressure | 15MPa/20MPa |
| Valve | Cga580 | Melting Point | -156.6 °C |
| Appearance | Colorless, Odorless | Boiling Point | -153.3 °C |
| Density | 3.376 Kg/m³ | Molecular Weight | 4.0026 |
| Transport Package | 40L/47L/50L | Specification | 100.00% |
| Trademark | CMC | Origin | China |
| HS Code | 28042900 | Production Capacity | 5000 M3/Year |

Shanghai Kemike Chemical Co., Ltd is staffed by trained personnel, combine many years experience in Gas industry .We supply cylinder gas, electronic gas, etc ., and the gas holder, panel, valves and fittings and other equipment, parts and engineering services to our customers in China and worldwide; The products are involved in various industrial fields, such as semiconductor chip, solar cell, LED, TFT-LCD, optical fiber, glass, laser, medicine , etc., Our mission is to partner with our global customers to provide support, solutions and quality products that are innovative, reliable, and safe. Our products mainly include: H₂, O₂, N₂, Ar, CO₂, propane, acetylene, helium, laser mixed gas, SiH₄, SiH₂Cl₂, SiHCl₃, SiCl₄, NH₃, CF₄, NF₃, SF₆, HCL, N₂O, doping mixed gas (TMB, PH₃, B₂H₆) and other electronic gases.





 **Shanghai Kemike Chemical Co.,Ltd**

 +86 18762990415

 williamchen@cmc-chemical.com

 gascylindertank.com