



## Electronic Grade Ultra Cylinder Gas High Purity 99.999% 5n Krypton Gas

Our Product Introduction

for more products please visit us on [gascylindertank.com](http://gascylindertank.com)

### Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: Kr
- Minimum Order Quantity: 1L
- Price: US \$0.8/L
- Packaging Details: Cylinder/Tank
- Delivery Time: 15 days
- Supply Ability: 50000L/Year



### Product Specification

- Product Name: Krypton Gas
- Valve: Cga580
- Appearance: Colorless, Odorless
- Cylinder Pressure: 15MPa/20MPa
- Cylinder: GB/ISO/DOT
- Transport Package: 40L/47L/50L
- Specification: 40L/47L/50L
- Trademark: CMC
- Origin: China
- HS Code: 28042900
- Supply Ability: 5000
- CAS No.: 7439-90-9
- Formula: Kr
- EINECS: 231-098-5
- Constituent: Industrial Pure Air



### More Images



## Product Description

### Product Description

Krypton (Kr) is a chemical element and a noble gas in the periodic table. It is a colorless, odorless, and tasteless gas that belongs to the group of elements known as noble gases or inert gases. Here are some key points about krypton gas:

**Properties:** Krypton is characterized by its low reactivity, which is a common characteristic of noble gases. It is monatomic, meaning it exists as individual atoms rather than forming molecules. Krypton has a higher density than the lighter noble gases like helium and neon, but it is still less dense than air.

**Occurrence:** Krypton is a rare element in the Earth's atmosphere, comprising only about 1 part per million by volume. It is produced through radioactive decay of certain isotopes, such as uranium and thorium, found in the Earth's crust. It can also be obtained as a byproduct of the production of liquid oxygen and liquid nitrogen through air separation.

**Uses:** Krypton has several applications in various fields, including lighting, lasers, and scientific research. Some notable uses of krypton include:

**Lighting:** Krypton is used in certain types of lighting, such as high-intensity discharge (HID) lamps and fluorescent lamps. It helps produce a bright, white light and improves the efficiency and color quality of the light source.

**Lasers:** Krypton lasers emit visible and ultraviolet light and find applications in scientific research, spectroscopy, and laser light shows.

**Cryogenics:** Krypton can be used as a cryogenic refrigerant in certain applications, such as cooling superconducting magnets or as a diluent gas in low-temperature experiments.

**Window insulation:** Krypton gas is sometimes used to fill the space between double or triple-pane windows to enhance their insulating properties. Its low thermal conductivity helps reduce heat transfer, improving energy efficiency.

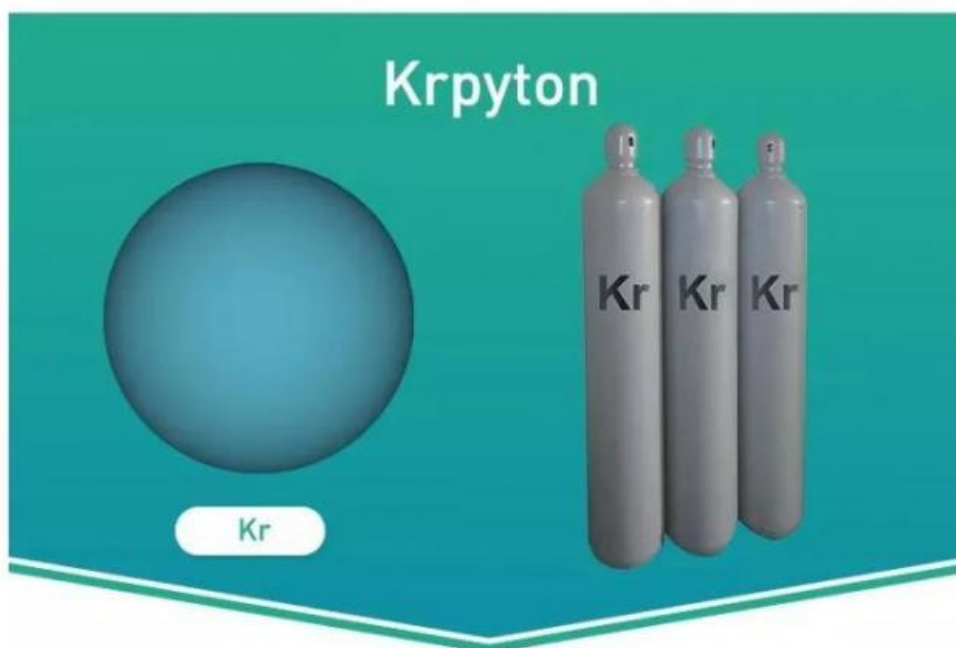
**Safety and Health:** Krypton is generally considered non-toxic and does not pose any significant health risks. However, like other noble gases, it can displace oxygen in confined spaces and cause asphyxiation if present in high concentrations. Proper ventilation and safety measures should be observed when working with krypton or any other gas.

Krypton, along with other noble gases, has unique properties that make it useful in specific applications. However, due to its rarity and limited uses, krypton is not as widely known or utilized as some other elements.

#### Basic Info.

DOT Class	2.1	Un No	1056
Cylinder	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

## PRODUCT



Specification	Company Standard
Kr	≥ 99.999%
O <sub>2</sub>	≤ 0.5 ppm
N <sub>2</sub>	≤ 2.0 ppm
Moisture	≤ 0.5 ppm
Ar	≤ 2.0 ppm
CO <sub>2</sub>	≤ 0.5 ppm
Xe	≤ 2.0 ppm
CF <sub>4</sub>	≤ 0.5 ppm
H <sub>2</sub>	≤ 0.5 ppm

## PRODUCT DETAILS



## PRODUCT LINE



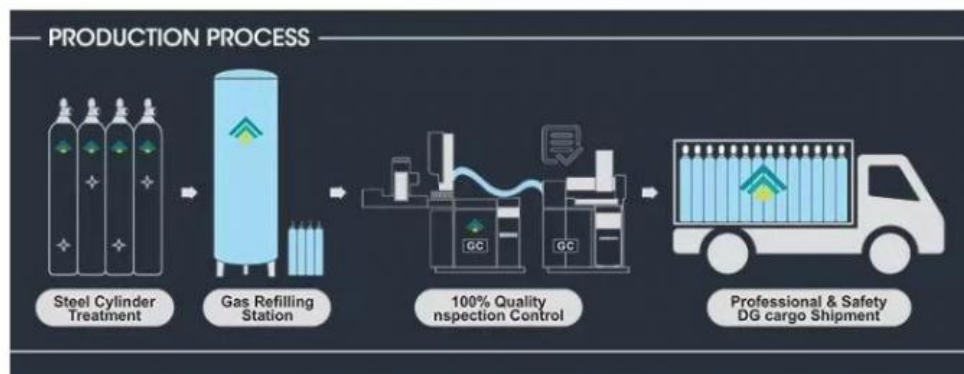
Detailed Photos





#### Company

**Profile**  
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: H<sub>2</sub>, O<sub>2</sub>, N<sub>2</sub>, Ar, CO<sub>2</sub>, propane, acetylene, helium, laser mixed gas, SiH<sub>4</sub>, SiH<sub>2</sub>Cl<sub>2</sub>, SiHCl<sub>3</sub>, SiCl<sub>4</sub>, NH<sub>3</sub>, CF<sub>4</sub>, NF<sub>3</sub>, SF<sub>6</sub>, HCL, N<sub>2</sub>O, doping mixed gas (TMB, PH<sub>3</sub>, B<sub>2</sub>H<sub>6</sub>) and other electronic gases.





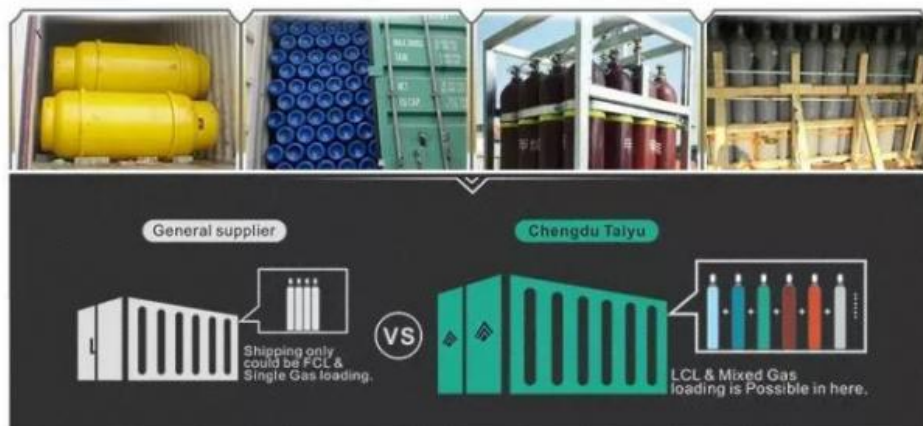
## Factory display



Packaging &

Shippinn

## PACKING & SHIPPING



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