



## Good Quality Cylinder Gas Electron Grade 99.999% Purity Krypton

Our Product Introduction

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

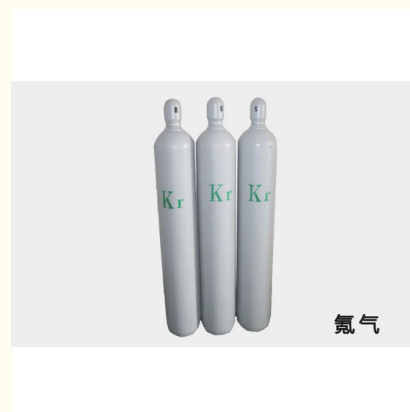
### Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: Kr
- Minimum Order Quantity: 1kg
- Price: US \$ 1/kg
- Packaging Details: Cylinder/Tank
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 10000tons/year

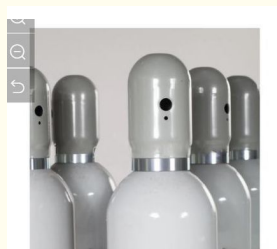


### Product Specification

- Product Name: Krypton
- Cylinder Pressure: 15MPa/20MPa
- Melting Point: -156.6 °C
- Boiling Point: -153.3°C
- Purity: 99.999%
- Appearance: Colorless, Odorless
- Model No.: Krypton Gas
- 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



### More Images



## Product Description

### Product Description

Krypton is a chemical element with the symbol Kr and atomic number 36. Here are some key points about krypton:

Chemical Symbol: Kr

Atomic Number: 36

Atomic Weight: 83.798 atomic mass units

State at Room Temperature: Krypton is a colorless, odorless, and tasteless gas. It belongs to the group of noble gases in the periodic table.

Noble Gas: Like other noble gases, krypton is chemically inert and does not readily react with other elements. It has a full outer electron shell, making it stable and unreactive under normal conditions.

Occurrence: Krypton is a rare gas and is present in trace amounts in the Earth's atmosphere, estimated to be around 1 part per million. It is obtained as a byproduct of the separation of air during the production of liquid oxygen and nitrogen.

Uses: Krypton has several applications in various industries. It is used in lighting, particularly in high-intensity discharge lamps and fluorescent lamps, where it produces a bright white or blue light. Krypton is also used in certain lasers, such as excimer lasers, which are used in medical and industrial applications. Additionally, krypton is used in some specialized windows and insulation materials due to its low thermal conductivity.

Nuclear Applications: Krypton-85, a radioactive isotope of krypton, is used in various applications such as leak detection, tracer studies, and radiometric dating. It is also produced as a byproduct of nuclear fission reactions in nuclear power plants.

Medical Imaging: Krypton-81m, another radioactive isotope of krypton, is used in lung ventilation studies for evaluating respiratory function.

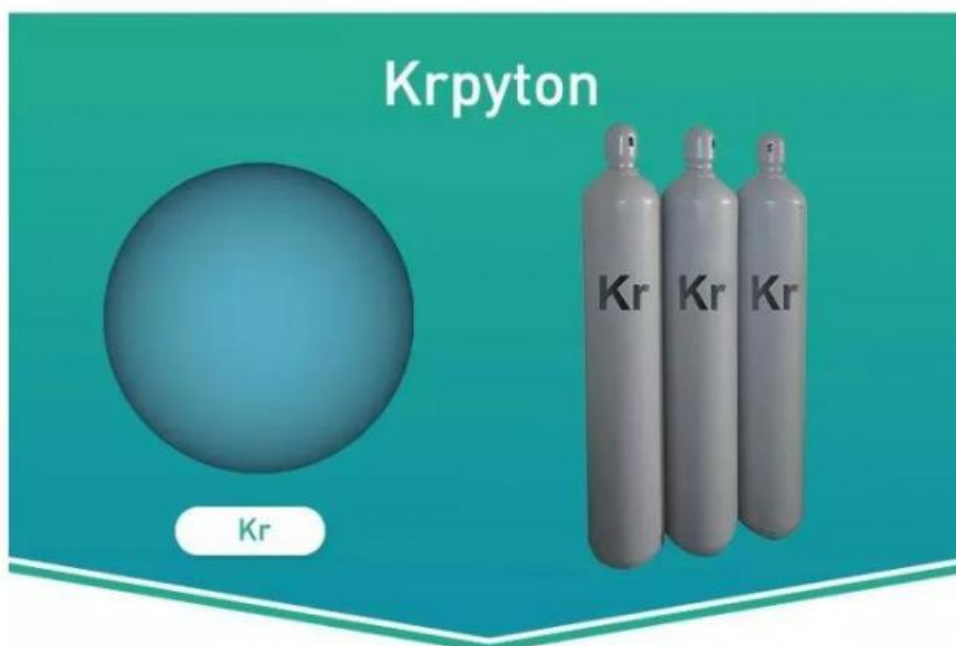
Krypton Compounds: Krypton is generally unreactive and does not form stable compounds under normal conditions. However, it can form some weakly bound compounds, such as krypton difluoride (KrF<sub>2</sub>), under extreme conditions.

#### Overview

#### Basic Info.

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/m <sup>3</sup>	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



Krypton is concentrated in the atmosphere, occupying 1.1ppm in the atmosphere. Krypton is chemically inert under all normal conditions

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



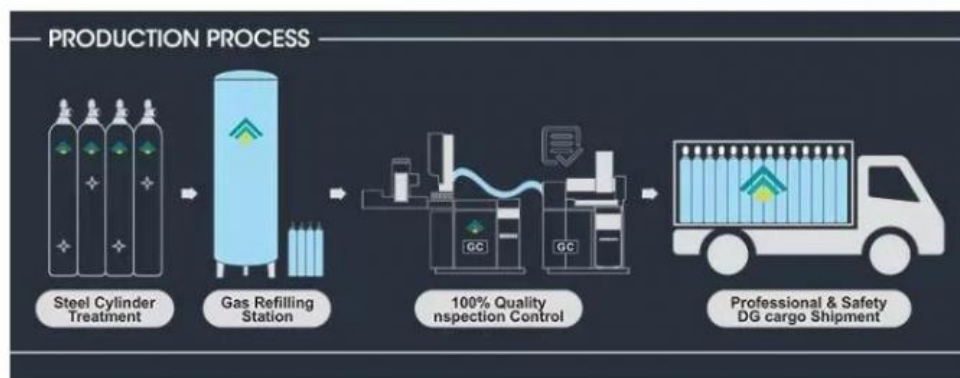
## PRODUCT LINE



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.

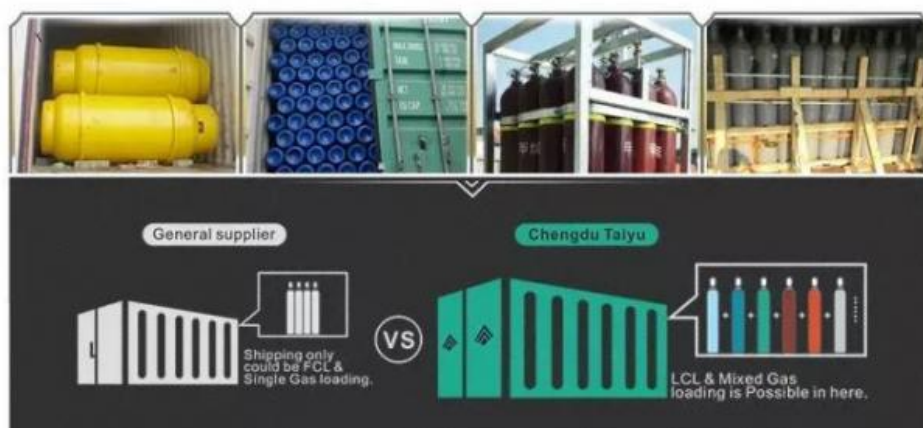


## Factory display



Packaging &  
Shipping

## PACKING & SHIPPING



 **Shanghai Kemike Chemical Co.,Ltd**

 +86 18762990415

 [williamchen@cmc-chemical.com](mailto:williamchen@cmc-chemical.com)

 [gascylindertank.com](http://gascylindertank.com)