



## Gas Cylinder Krypton Used For Photography, Film Projection And Airport Runway Lights

Our Product Introduction

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### 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 gas is a chemical element with the symbol Kr and atomic number 36. It is a noble gas, which means it is colorless, odorless, and tasteless. Krypton belongs to the group of elements known as the noble gases, which also includes helium, neon, argon, xenon, and radon.

Krypton was discovered in 1898 by Sir William Ramsay and Morris Travers through their experiments on liquefying air. It is a relatively rare element in the Earth's atmosphere, making up only about 1 part per million by volume. However, it can be extracted from the air through a process known as fractional distillation.

Krypton has several important applications due to its unique properties. One of its most prominent uses is in lighting. Krypton gas is often used in fluorescent lamps and other gas discharge lamps. When an electric current is passed through the gas, it emits a characteristic bright white or bluish-white light. This property makes krypton suitable for applications where high-intensity lighting is required, such as in photography, film projection, and certain scientific instruments.

Krypton is also used in certain lasers, such as krypton fluoride (KrF) lasers, which emit pulses of ultraviolet light. These lasers have applications in scientific research, medicine, and manufacturing processes.

Additionally, krypton is used in some types of windows and insulation materials. It is valued for its insulating properties and ability to fill the space between double-paned glass to improve energy efficiency.

In terms of its biological significance, krypton is considered to be non-toxic and generally does not react with other elements or compounds.

However, its noble gas properties make it relatively unreactive, and it does not play any known biological role in living organisms.

Overall, krypton gas has various industrial applications due to its unique properties, particularly in lighting, lasers, and insulation.

#### 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/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



Specification	Company Standard
Kr	≥ 99.999%
O2	≤ 0.5 ppm
N2	≤ 2.0 ppm
Moisture	≤ 0.5 ppm
Ar	≤ 2.0 ppm
CO2	≤ 0.5 ppm
Xe	≤ 2.0 ppm
CF4	≤ 0.5 ppm
H2	≤ 0.5 ppm

## PRODUCT DETAILS



## PRODUCT LINE



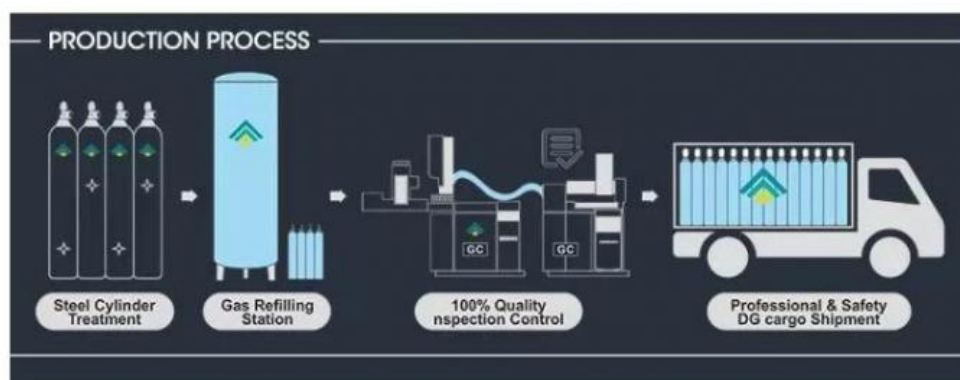
Detailed Photos



#### 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.





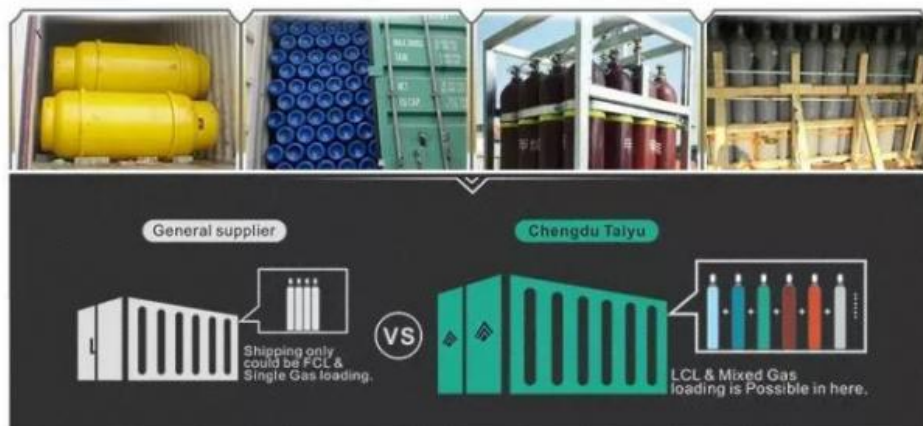
## Factory display



Packaging &

Shippinn

## PACKING & SHIPPING



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