



Gas Cylinder Krypton Applied In Lighting Lasers And Nuclear Reactors

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 belongs to the noble gases group, 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 properties of krypton gas:

Density and State: Krypton is denser than air, with a density of about 3.74 grams per liter. It exists as a gas at room temperature and pressure.

Boiling and Melting Points: Krypton has a boiling point of approximately -153.2 degrees Celsius (-244 degrees Fahrenheit) and a melting point of -157.36 degrees Celsius (-251.25 degrees Fahrenheit).

Chemical Inertness: Like other noble gases, krypton is chemically inert, meaning it does not readily react with other elements or compounds under normal conditions. It has a full complement of electrons in its outermost energy level, making it stable and unreactive.

Uses: Krypton has several practical applications. It is commonly used in lighting, particularly in high-intensity discharge lamps, such as those used in photography, film projection, and some specialized applications like airport runway lighting. Krypton is also used in some types of lasers, such as krypton fluoride lasers.

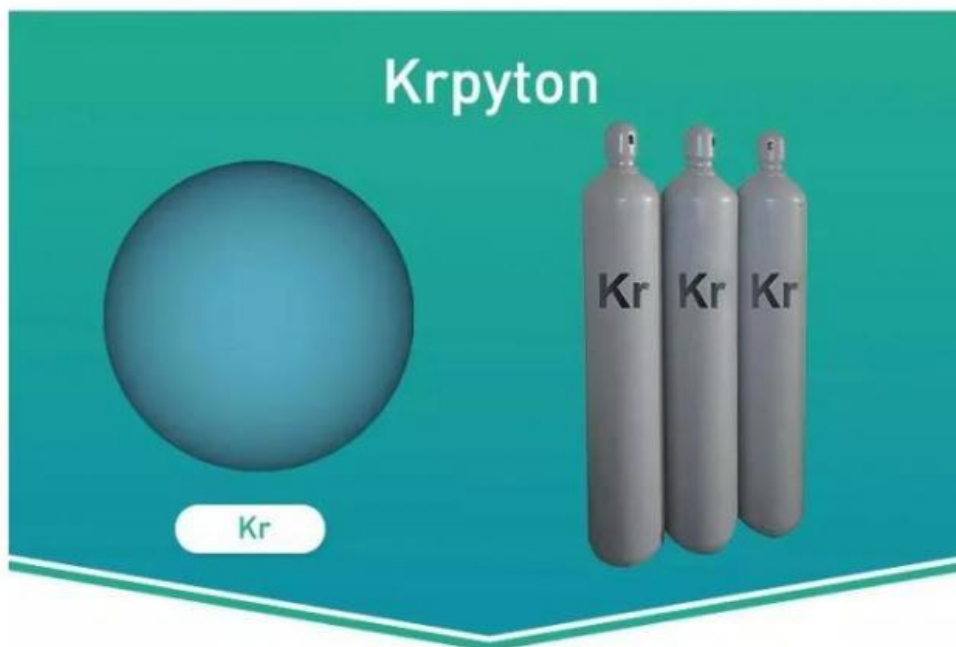
Spectral Significance: Krypton's spectral lines have been extensively studied and are used in scientific research, particularly in the field of atomic and molecular spectroscopy. These spectral lines are used as wavelength standards in calibrating spectroscopic instruments.

It's worth noting that krypton is a relatively rare element in the Earth's atmosphere, making up about 1 part per million by volume. It is extracted commercially from the air through a process known as fractional distillation, which separates krypton from other gases present in the air.

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%
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



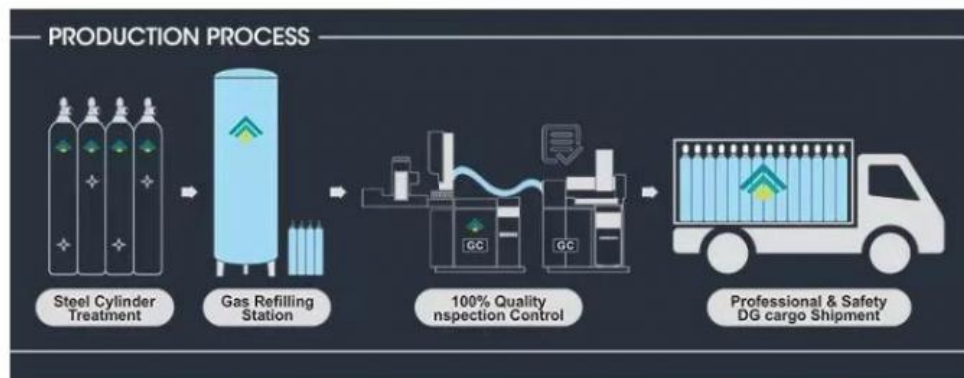
Detailed Photos



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: 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.



Factory display



Packaging &

Shippinn

PACKING & SHIPPING



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