



Best Price China Supply 99.999% High Purity Cylinder Gas Krypton

Our Product Introduction

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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 is a member of the noble gas group 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 found in trace amounts in the Earth's atmosphere, estimated to be about 1 part per million by volume. It is obtained as a byproduct of the production of liquid oxygen and liquid nitrogen.

Uses: Krypton has various applications in different fields. It is used in lighting, particularly in high-intensity discharge lamps and fluorescent lamps, where it produces a white or bluish-white light. Krypton is also used in certain types of lasers, such as krypton ion lasers, which are used in scientific research and some medical applications.

Nuclear Applications: Krypton-85, a radioactive isotope of krypton, is used for dating geological samples and studying atmospheric circulation. It is also used in nuclear reactors for monitoring purposes and in specialized detectors.

Insulation: Krypton is utilized as an insulating gas in certain applications. Its high thermal conductivity makes it useful in double-glazed windows and other insulating materials.

Krypton Compounds: Krypton is generally considered to be chemically unreactive and does not form compounds under normal conditions.

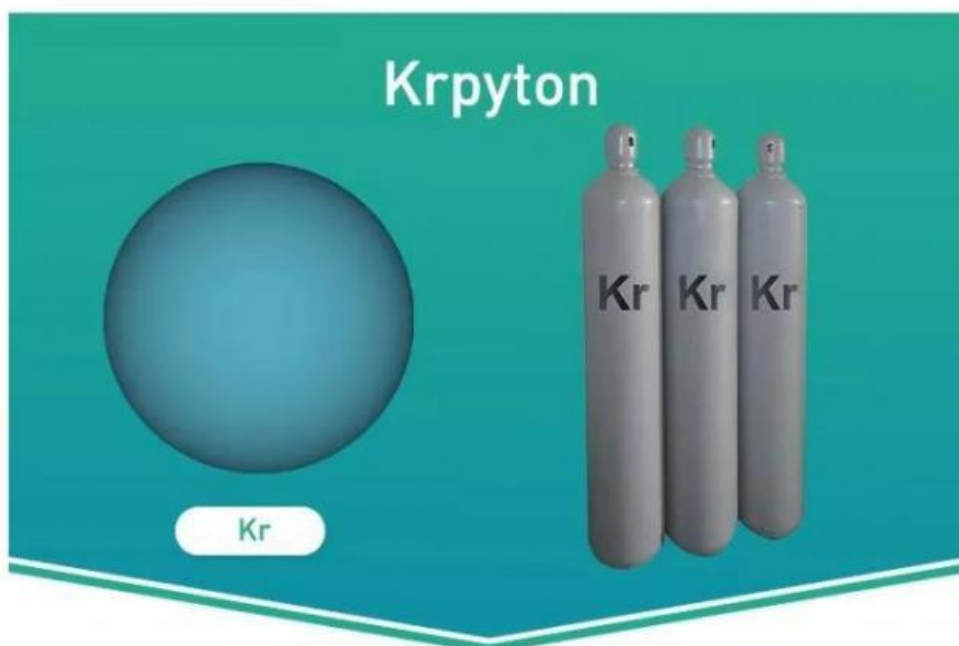
However, under extreme conditions, such as high pressures, low temperatures, or in the presence of highly reactive elements, krypton can form compounds, such as krypton difluoride (KrF₂) and krypton hexafluoride (KrF₆).

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 ³	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 ₂	≤ 0.5 ppm
N ₂	≤ 2.0 ppm
Moisture	≤ 0.5 ppm
Ar	≤ 2.0 ppm
CO ₂	≤ 0.5 ppm
Xe	≤ 2.0 ppm
CF ₄	≤ 0.5 ppm
H ₂	≤ 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: 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.

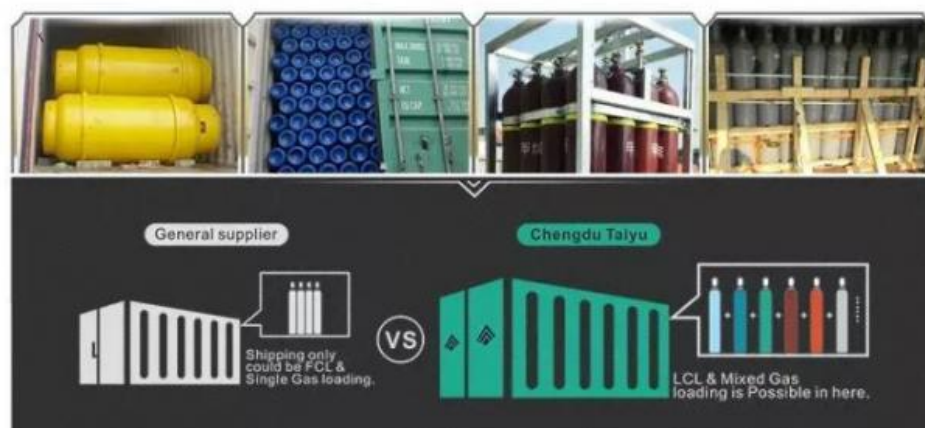


Factory display



Packaging &
Shipping

PACKING & SHIPPING



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