



Cylinder Gas China Factory Seller High quality best price Xenon Gas

Our Product Introduction

Basic Information

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



Product Specification

- Product Name: Xenon
- Boiling Point: -107.1°C
- Cylinder Pressure: 12.5MPa/15MPa/20MPa
- Melting Point: -112 °C
- Appearance: Colorless, Odorless
- Transport Package: Sea Transportation
- Specification: Cylinder 1L 4L 8L 40L 50L
- Trademark: CMC
- Origin: Place Of Origin Jiangsu, China
- HS Code: 2804290000
- Supply Ability: 1000piece/Month
- CAS No.: 7440-63-3
- Formula: Xe
- EINECS: 231-172-7
- Constituent: Industrial Pure Air



Xenon Gas

More Images



Product Description

Product Description

Xenon is a chemical element with the symbol Xe and atomic number 54. Here are some key points about xenon:

Chemical Symbol: Xe

Atomic Number: 54

Atomic Weight: 131.293 atomic mass units

State at Room Temperature: Xenon is a colorless, odorless, and tasteless gas. It is a member of the noble gas group on the periodic table.

Noble Gas: Xenon is a noble gas, which means it 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: Xenon is a relatively rare element in the Earth's atmosphere, making up only a small fraction of the air we breathe. It is obtained as a byproduct of the liquefaction and separation of air.

Uses: Xenon has several applications. It is used in lighting, particularly in high-intensity discharge (HID) lamps, where its high efficiency and color rendering properties are advantageous. Xenon is also used in flash lamps, lasers, and as a propellant in ion thrusters for spacecraft propulsion. It is used as a contrast agent in medical imaging, such as in xenon-enhanced computed tomography (CT) scans.

Xenon Compounds: Although xenon is primarily known for its inertness, it can form compounds under certain conditions. Xenon can combine with fluorine to form xenon hexafluoride (XeF₆) and other fluorides. These compounds are highly reactive and can serve as powerful oxidizing agents.

Anesthetic Properties: Xenon has anesthetic properties and can be used as an inhalation anesthetic in certain medical procedures. However, its use as an anesthetic is relatively uncommon due to its high cost and limited availability.

Xenon Isotopes: Xenon has several stable isotopes, including xenon-124, xenon-126, xenon-128, xenon-129, xenon-130, and xenon-131. Some of these isotopes are used in scientific research and nuclear applications.

Product Parameters

Basic Info.

Transport Package: 8L/10L/40L/47L/50L

Trademark: CMC

Specification 100.00%

Melting Point

Boiling Point

Production

Capacity

-112 °C

-107.1°C

1000, 000liter/Year

Cylinder Pressure 12.5MPa/15MPa/20MPa Cylinder Pressure 12.5MPa/15MPa/20MPa

Specification:

Dot Class: 2.2

State: Gas

Purity: 99.999%

UN NO: UN2036

CAS NO: 7740-63-3

Grade Standard: Industrial Grade

Specification 99.999%

Hydrogen ≤ 0.5 ppm

Oxygen + Argon ≤ 1.5 ppm

Nitrogen ≤ 2.5 ppm

Carbon Dioxide ≤ 0.2 ppm

Carbon Monoxide ≤ 0.3 ppm

Methane ≤ 0.3 ppm

Krypton ≤ 2.0 ppm

Fluor chemical ≤ 0.5 ppm

Nitrous Oxide ≤ 0.2 ppm

Moisture ≤ 2.0 ppm

Detailed Photo



Packaging & Shipping

Cylinder Specifications Contents Pressure

Cylinder Capacity	Valve	Volume	bar	psig
40L	CGA580	6 m3	150	2175
47L	CGA580	7 m3	150	2175
50L	CGA580	10 m3	200	2900

Packaging & Shipping

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.

SiCl ₄	NH ₃	NH ₃	CH ₃ F	SiH ₄	Kr	H ₂ S	WF ₆	F ₆ +Cl ₂
4MS	C ₃ F ₈	C ₃ F ₈	TEOS	CH ₄	PH ₃	SF ₆	C ₂	HCl+Ne
CF ₄	C ₄ F ₈	SiH ₂						TMB+H ₂
SiF ₄	C ₃ H ₈	Cl ₂						He +As
BBr ₃	C ₃ H ₆	DCE						Ge+Se
POCl ₃	N ₂	SO ₂						D+B
BCl ₃	D ₂	CO ₂						CO+NO
SiHCl ₃	CH ₂ F ₂	HF						Ar+O ₂
TMAI	DMZn	DEZn						Xe+NO
AsH ₃	C ₂ H ₄	C ₂ H ₂	HBr	COS	Ar+O ₂			
GeH ₄	C ₂ H ₆	B ₂ H ₆	H ₂ Se	GeCl ₄	Xe+NO			



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