



## China Wholesale Best Price 99.999% Cylinder Gas High Purity Xenon

Our Product Introduction

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### 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
- Purity: 99.999%
- Cylinder: 8L/10L/50L
- Pressure: 12.5MPa
- Transport Package: Cylinder 1L 4L 8L 40L 50L
- Specification: Cylinder 1L 4L 8L 40L 50L
- Trademark: CMC
- Origin: China
- HS Code: 2804290000
- Supply Ability: 1000piece/Month
- CAS No.: 7440-63-3
- Formula: Xe
- EINECS: 231-172-7
- Constituent: Industrial Pure Air
- Grade Standard: Industrial Grade



### More Images



## 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: 131.29 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: Like other noble gases, xenon 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 rare gas found in trace amounts in the Earth's atmosphere. It is obtained through air separation processes during the production of liquid oxygen and nitrogen.

Uses: Xenon has various applications in different fields. It is used in lighting, particularly in high-intensity discharge lamps, due to its ability to produce a bright, white light. Xenon is also used in medical imaging, such as xenon CT scans, and in anesthesia as a component of xenon-based anesthetic gases. It has applications in the electronics industry, where it is used in specialized lamps and as a component in plasma display panels.

Nuclear Power: Xenon has important applications in the field of nuclear energy. Certain isotopes of xenon, such as xenon-135, are produced as byproducts in nuclear reactors and can affect reactor performance. Xenon-135 has a strong neutron-absorbing capability, and its buildup can lead to reactor shutdown or reduced power output.

Excimer Lasers: Xenon can be used as a lasing medium in excimer lasers, which are used in scientific research, industrial applications, and medical technology.

Xenon Compounds: Although xenon is generally unreactive, it can form compounds under specific conditions. Some xenon compounds, such as xenon hexafluoroplatinate (XePtF6), have been synthesized and studied.

## Product Parameters

### Basic Info.

Transport Package:	8L/10L/40L/47L/50L	Melting Point	-112 °C
Trademark:	CMC	Boiling Point	-107.1°C
Specification	100.00%	Production Capacity	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

<b>Specification</b>	<b>99.999%</b>
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 Photos





**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

## About us



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.

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



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