



## Cylinder Gas China Best Price Factory High quality Rare Xenon Gas

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
- Cylinder Pressure: 15MPa/20MPa
- Boiling Point: -107.1 °C
- Melting Point: -112 °C
- Cylinder Standard: DOT/ISO
- 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



### 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 noble gas. It is one of the rarest elements in the Earth's atmosphere, making up only a very small fraction (about 0.0000087% by volume).

Noble Gas: Xenon belongs to the noble gas group on the periodic table. Like other noble gases, it is chemically inert and has a full outer electron shell, making it stable and unreactive under normal conditions.

Occurrence: Xenon is found in trace amounts in the Earth's atmosphere, but it is obtained primarily as a byproduct of the production of liquid oxygen and liquid nitrogen. It can also be extracted from certain minerals and gases released during natural gas drilling.

Uses: Xenon has various applications due to its unique properties. It is used in lighting, particularly in specialized high-intensity discharge lamps, such as those used in automotive headlights and stadium lighting. Xenon is also used in certain types of lasers, as a propellant in ion thrusters for spacecraft, and in medical imaging techniques such as xenon computed tomography (XeCT).

Anesthetic Properties: Xenon has anesthetic properties and can be used as a general anesthetic in medical procedures. It has advantages over other anesthetics as it is not metabolized by the body and has a low risk of adverse effects.

Xenon Isotopes: Xenon has nine stable isotopes, with xenon-124 being the most abundant. Xenon-129 is used in scientific research to study the history of the Earth and the solar system.

Xenon Compounds: Although xenon is generally unreactive, it can form compounds under certain conditions, such as with highly electronegative elements. Xenon can react with fluorine to form xenon hexafluoride (XeF<sub>6</sub>) and other xenon fluorides.

### 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

| 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: 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               | Ar+O <sub>2</sub> |                  |                 |                                 |
| 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> | Xe+NO             |                  |                 |                                 |





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