

China

CMC

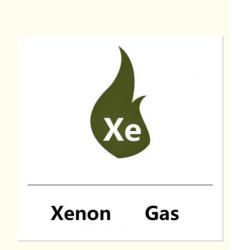
COA

Xe

## Factory Supply High Purity Best Price Xenon Cylinder Bottle Gas Xenon

#### **Basic Information**

- Place of Origin:
- Brand Name:
- Certification:
- Model Number:
- Minimum Order Quantity: 1kg
- Price: US \$15/kg
- Cylinder/Tank · Packaging Details:
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 2000 Pcs/Month



#### **Product Specification**

- Product Name:
- Xenon Gas • Purity: 99.999% Cylinder Pressure: 15MPa/20MPa Pressure: 12.5MPa • Cylinder: 8L/10L/50L • Transport Package: 8L/10L/50L • Specification: 8L/10L/50L 99.999% CMC Trademark: • Origin: China • HS Code: 2804290000 • Supply Ability: 2000piece/Month 7440-63-3 • CAS No.: Formula: Xe EINECS: 231-172-7 Constituent: Industrial Pure Air



### 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: 131.293 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: 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, occurring in trace amounts in the Earth's atmosphere. It is obtained as a byproduct of the separation of air in the production of oxygen and nitrogen.

Uses: Xenon has various applications in different fields. It is used in lighting, particularly in high-intensity discharge (HID) lamps, where it produces a bright white light. Xenon is also used in certain medical applications, such as in xenon anesthesia for its anesthetic properties. In addition, xenon is used in scientific research, as a propellant in ion propulsion systems for spacecraft, and in specialized imaging techniques.

Xenon Compounds: While xenon is generally unreactive, it can form compounds with highly electronegative elements, such as fluorine. Xenon compounds include xenon hexafluoride (XeF6), xenon tetrafluoride (XeF4), and xenon difluoride (XeF2), among others.

Lighting and Flashbulbs: Xenon is commonly used in high-intensity lamps, such as xenon arc lamps and xenon flashbulbs. These lamps produce a bright and intense light, making them useful in photography, cinema projection, and vehicle headlights.

Xenon Isotopes: Xenon has nine stable isotopes, with xenon-129 being the most abundant. Xenon isotopes are used in scientific research, such as in nuclear magnetic resonance (NMR) spectroscopy and as tracers in various studies.

#### Basic Info.

Model NO.	Xe	Un Number	2036
Cylinder Pressure	15MPa/20MPa	Cylinder Volumn	10L/40L/50L
Boiling Point	-107.1 ºC	Cylinder Standard	DOT
HS	28042900	Density	5.89 Kg/M <sup>3</sup>
DOT Class	2.2	Purity	0.99999
Form	Gas	Melting Point	-112 ºC
Molecular Weight	131.3	Appearance	Colorless Gas
Valve	Cga 580	Product Name	Xenon Gas
Transport Package	Cylinder	Specification	10L, 40L, 50L
Trademark	CMC	HS Code	2804290000

Production Capacity 2000m3 Per Year



产品名 Product		氙气 Xenon	执行标准 Executive standard	1	
产品批 Batch nu	7-1-1-1	230320	产品规格 Specification	≥99.999%	
产品包 Packag		50L STL CGA580 BRASS	检测日期 Test date	2023.03.20	
		检测结	果Results		
序号 Number	项目 Items	检测指标 Specification	1 方 检测结频 Result	检测结果 Result	
1	Xe	>99.9995%	>99.9995	>99.9995%	
2	H2O	<1.0 ppm	0.19 ppr	0.19 ppm	
3	O <sub>2</sub> +Ar	<0.5 ppm	0.09 ppr	0.09 ppm	
4	N <sub>2</sub>	<1.5 ppm	0.16 ppm		
5	H2	<0.5 ppm	0.09 ppm		
6	со	<0.1 ppm	0.02 ppm		
7	Kr	<0.1 ppm	ppm <0.01 ppm		
8			0.02 ppr	ppm	
9	N <sub>2</sub> O	<0.1 ppm	<0.01 pp	<0.01 ppm	
10	$C_2F_6$	<0.1 ppm	<0.01 pp	<0.01 ppm	
11	CH4	<0.1 ppm	<0.01 pp	<0.01 ppm	
结论: Judgment		1 00	合格 Qualified		

**Detailed Photos** 

# **Product detail**











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