



Factory Supply High Purity Best Price Xenon Cylinder Bottle Gas 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: 2000 Pcs/Month



Xenon Gas

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%
- Trademark: CMC
- Origin: China
- HS Code: 2804290000
- Supply Ability: 2000piece/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 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 °C	Cylinder Standard	DOT
HS	28042900	Density	5.89 Kg/M³
DOT Class	2.2	Purity	0.99999
Form	Gas	Melting Point	-112 °C
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		

5N Xe Gas

99.999%

产品名称 Product name	氙气 Xenon	执行标准 Executive standard	/
产品批号 Batch number	230320	产品规格 Specification	≥99.999%
产品包装 Packaging	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	检测结果 Result
1	Xe	>99.9995%	>99.9995%
2	H2O	<1.0 ppm	0.19 ppm
3	O ₂ +Ar	<0.5 ppm	0.09 ppm
4	N ₂	<1.5 ppm	0.16 ppm
5	H2	<0.5 ppm	0.09 ppm
6	CO	<0.1 ppm	0.02 ppm
7	Kr	<0.1 ppm	<0.01 ppm
8	CO ₂	<0.1 ppm	0.02 ppm
9	N ₂ O	<0.1 ppm	<0.01 ppm
10	C ₂ F ₆	<0.1 ppm	<0.01 ppm
11	CH4	<0.1 ppm	<0.01 ppm
结论: Judgment	合格 Qualified		

Detailed Photos

Product detail





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: 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	
			GeH ₄	C ₂ H ₆	B ₂ H ₆	H ₂ Se	GeCl ₄	