China Best Price High Purity Cylinder Gas 4L 8L 50L Gas Xe Xenon

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: 2000 Pcs/Month

Product Specification

- Product Name: Xenon Gas
- Appearance: Colorless, Odorless
- Cylinder Pressure: 12.5MPa/15MPa/20MPa
- Boiling Point: -107.1ºC
- Melting Point: -112 ºC
- Transport Package: Sea Transportation
- Specification: Cylinder1L 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 gas.

Noble Gas: Xenon is a noble gas, belonging to Group 18 (Group 0 or VIII A) of the periodic table. Like other noble gases, it has a full outer electron shell, making it stable and chemically unreactive.

Occurrence: Xenon is a relatively rare element in the Earth's atmosphere, present in trace amounts. It is obtained as a byproduct of the separation of air during the production of oxygen and nitrogen. Xenon is also found in small quantities in certain mineral springs and gases emitted by volcanoes.

Uses: Xenon has several practical applications. It is commonly used in lighting, particularly in high-intensity discharge lamps (HID lamps) and xenon flash lamps. Xenon is also used in specialized lighting applications, such as in film projectors and strobe lights. In addition, xenon is used in certain medical imaging techniques, such as xenon computed tomography (CT), where it is inhaled by patients to enhance imaging of the lungs and blood flow.

Anesthetic Properties: Xenon has anesthetic properties and can induce a state of general anesthesia when inhaled in high concentrations. However, due to its high cost and limited availability, its use as a general anesthetic is relatively rare compared to other anesthetic agents.

Xenon Isotopes: Xenon has nine naturally occurring isotopes, with xenon-124 being the most abundant. Xenon isotopes also find applications in nuclear research, including as a medium for nuclear reactors and in the field of nuclear medicine.

Xenon Compounds: Although xenon is generally unreactive, it can form compounds under specific conditions. Xenon can react with highly electronegative elements, such as fluorine, to form xenon fluorides (XeF2, XeF4, XeF6), which are powerful oxidizing agents and can serve as fluorinating agents in chemical reactions.

Basic Info.

Transport Package:	8L/10L/40L/47L/50L	Melting Point	-112 ºC
Trademark:	CMC	Boiling Point	-107.1ºC
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 Photos


Xe
Xe
Xe

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

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.

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