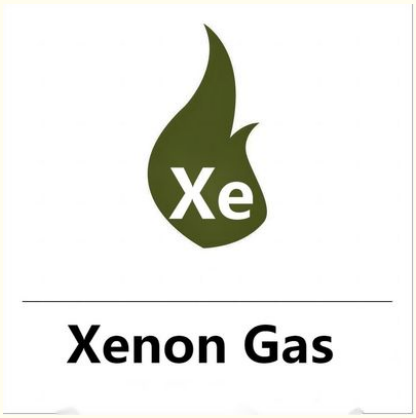
Electron Grade 99.999% High Purity Cylinder Gas Best Price Xenon

Our Product Introduction

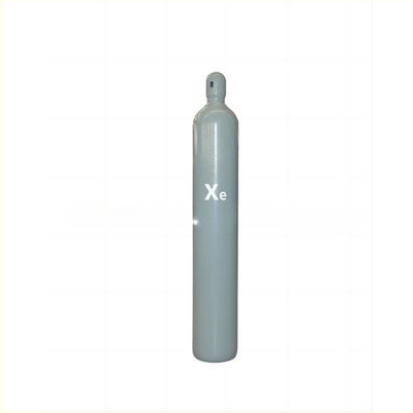
Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: Xe
- Minimum Order Quantity: 1kg
- Price: US $ 9.5/kg
- Packaging Details: Cylinder/Tank
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 20000 Tons/Year



Product Specification

- Product Name: Xenon Gas
- Purity: 99.999%
- Model No.: Xenon Gas
- Pressure: 12.5MPa
- Cylinder: 8L/10L/50L
- Transport Package: 8L/10L/50L
- Specification: 8L/10L/50L 99.999%
- Origin: China
- Supply Ability: 2000piece/Month
- CAS No.: 7440-63-3
- Formula: Xe
- EINECS: 231-172-7
- Constituent: Industrial Pure Air
- Grade Standard: Electronic Grade, Industrial Grade
- Chemical Property: Combustion-Supporting Gas



More Images

Product Description

Product Description

Xe gas refers to xenon gas, which is an element found in the periodic table with the symbol Xe and atomic number 54. Xenon is a noble gas, belonging to Group 18 of the periodic table. Here are some key points about xenon gas:

Chemical Symbol: Xe

Atomic Number: 54

Atomic Weight: 131.29 g/mol

Physical Properties: Xenon is a colorless, odorless, and tasteless gas at room temperature and atmospheric pressure. It is a dense gas, being about five times heavier than air. Xenon has a low boiling point (-108.12°C or -162.42°F) and a low melting point (-111.79°C or -169.22°F).

Abundance and Occurrence: Xenon is a rare element in the Earth's atmosphere, making up only a very small fraction (about 0.0000087%). It is obtained from the Earth's atmosphere through a process called fractional distillation of liquefied air.

Applications: Xenon gas has various applications, including lighting, medical imaging, lasers, and anesthesia. It is used in high-intensity discharge lamps (HID lamps), such as automobile headlights and cinema projectors, due to its bright white light. Xenon is also utilized in medical imaging techniques, such as X-ray computed tomography (CT) scans, where it acts as a contrast agent. Additionally, xenon lasers are employed in scientific research and industrial applications.

Nuclear Applications: Xenon-133, one of the isotopes of xenon, is used in nuclear medicine for lung ventilation studies. It is also produced as a byproduct in nuclear reactors and has applications in nuclear energy and research.

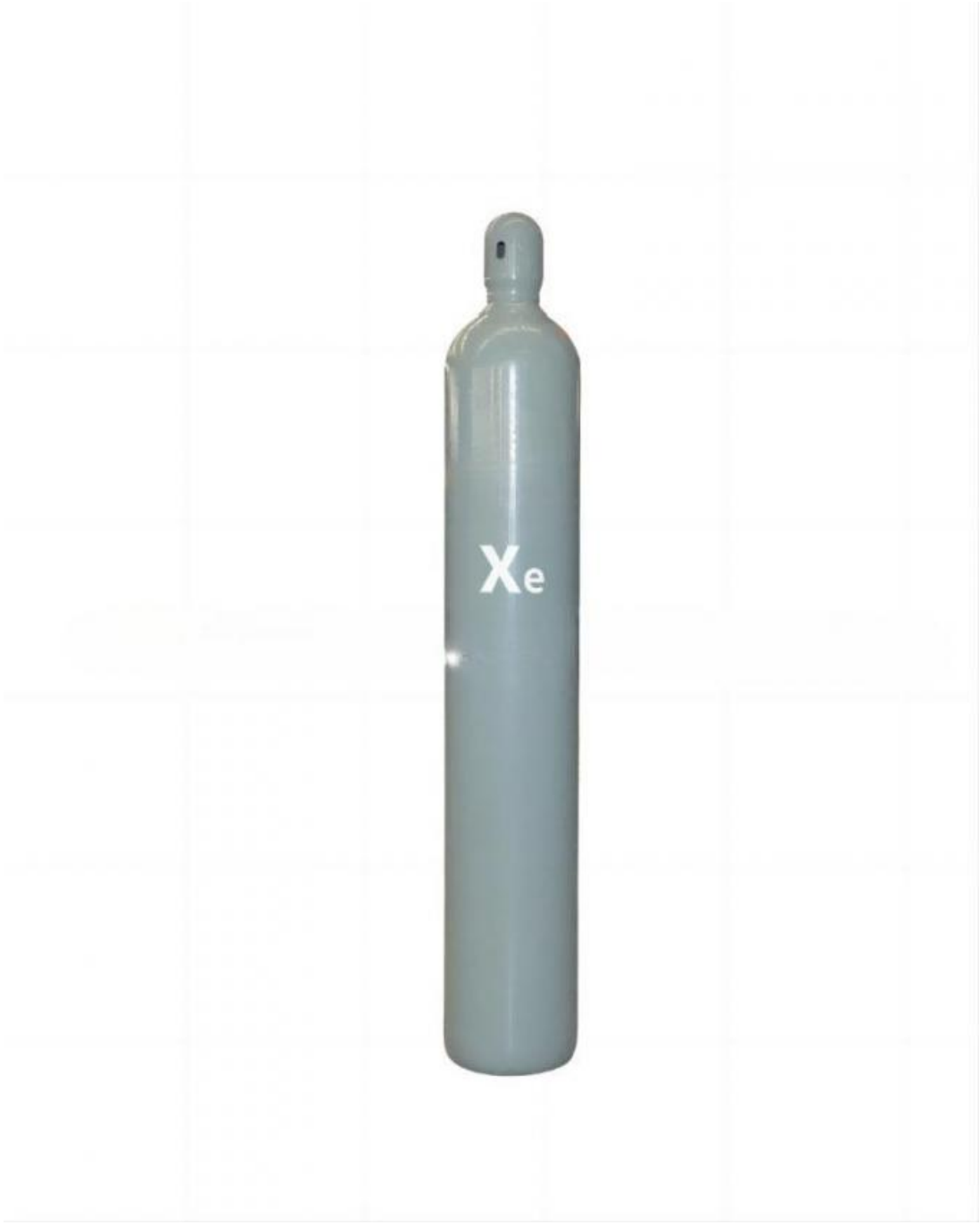
Safety Considerations: Xenon gas is generally considered to be non-toxic and does not pose significant health hazards. However, as with any compressed gas, proper handling, storage, and ventilation should be ensured to prevent accidents.

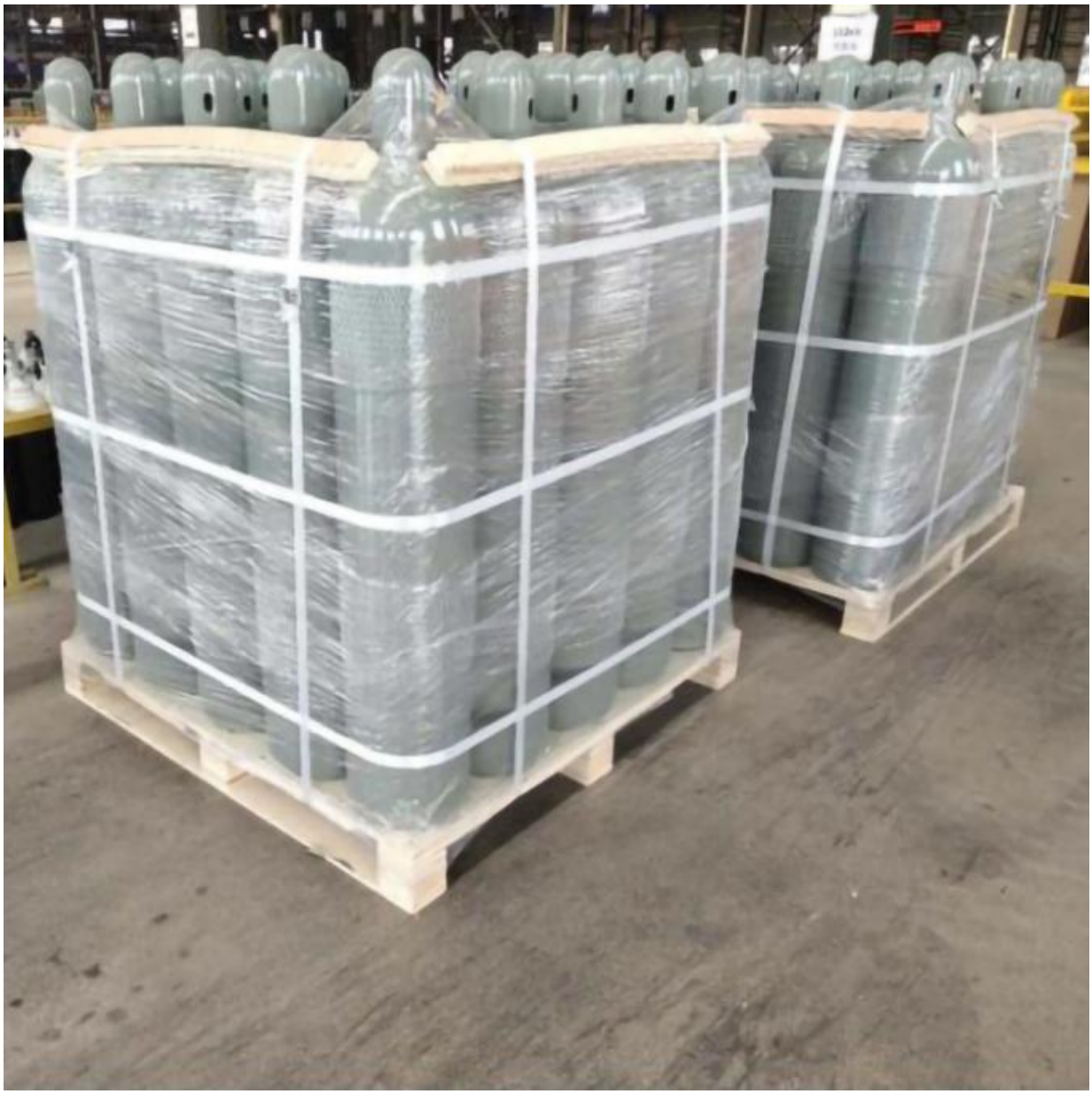
Isotopes: Xenon has nine stable isotopes, including xenon-124, xenon-126, xenon-128, xenon-129, xenon-130, xenon-131, xenon-132, xenon-134, and xenon-136. Xenon-129 is the most abundant isotope, making up about 26% of naturally occurring xenon.

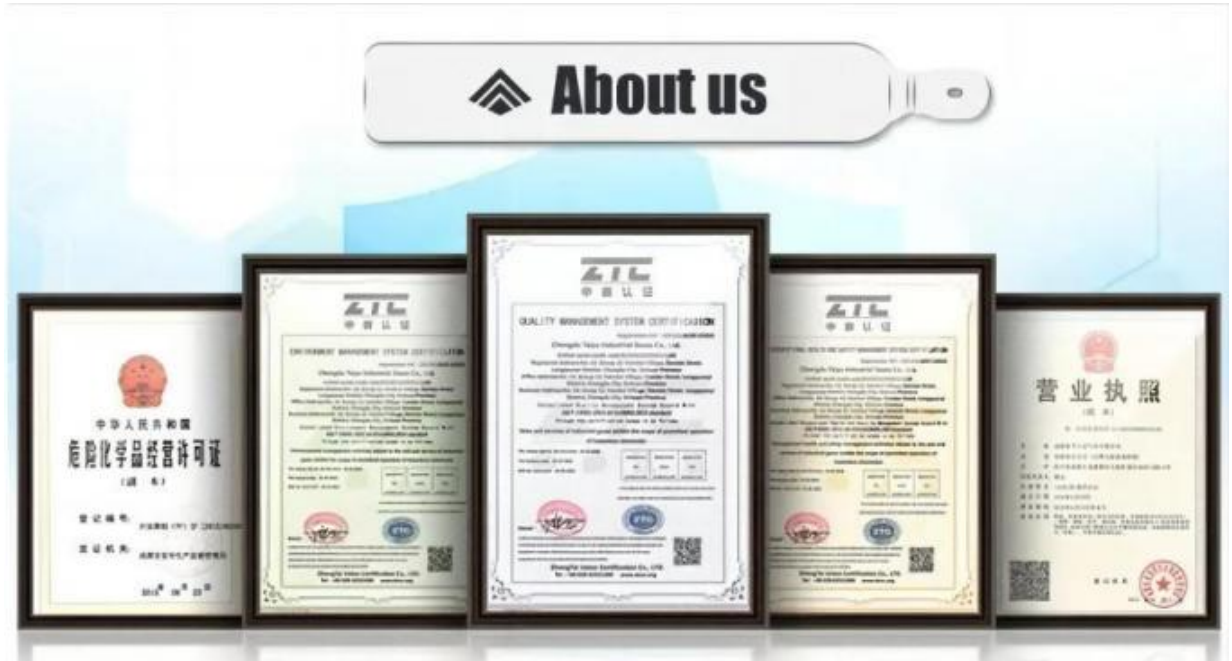
Historical Significance: Xenon was discovered in 1898 by Sir William Ramsay and Morris Travers, who were studying the byproducts of fractional distillation of liquefied air. The name "xenon" comes from the Greek word "xenos," meaning "stranger" or "foreign," reflecting its rarity and unusual properties.

PRODUCT DISPLAY

Product Name	Xenon
Molecular Formula	Xe
CAS	7440-63-3
EINECS No.	231-172-7
Grade	Electron Grade, Industrial Grade
Place Of Origin	Jiangsu, China
Purity	99.999%- 99.9999%-
Hazard Class	2.2
Molecular Weight	131.29
UN	2036
Boiling Point(ºC)	(-108.13°C)
Packing Detail	Cylinder: 50L(DOT) Valve:CGA580


Xe





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.

SiCl4	NH3	NH3	CH3F	SiH4	Kr	H2S	WF6	F6+Cl2
4MS	C3F8	C3F8	TEOS	CH4	PH3	SF6	C2	HCl+Ne
CF4	C4F8	SiH2						TMB+H2
SiF4	C3H8	Cl2						He +As
BBr3	C3H6	DCE						Ge+Se
POCl3	N2	SO2						D+B
BCl3	D2	CO2						CO+NO
SiHCl3	CH2F2	HF	AsH3	C2H4	C2H2	HBr	COS	Ar+O2
TMAl	DMZn	DEZn	GeH4	C2H6	B2H6	H2Se	GeCl4	Xe+NO

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