

China CMC

COA

Cylinder/Tank

Xe

Nuclear Energy Lighting Applications Medical Anesthesia Xenon Gas

Basic Information

- Place of Origin:
- Brand Name:
- Certification:
- Model Number:

Our Product Introduction

for more products please visit us on gascylindertank.com

- Minimum Order Quantity: 1kg
- Price: US \$ 9.5/kg
- Packaging Details:
- 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

Xenon is a chemical element with the symbol Xe and atomic number 54. It belongs to the noble gases group on the periodic table. Xenon is a colorless, odorless, and dense gas that occurs naturally in trace amounts in the Earth's atmosphere.

Here are some key characteristics and uses of xenon gas:

Density and Stability: Xenon is a heavy gas, about five times denser than air. It is chemically stable and non-reactive under normal conditions. Lighting: Xenon gas is commonly used in specialized lighting applications. When an electric current is passed through xenon, it emits a bright, white light. This property makes it useful in xenon arc lamps, which are used in movie projectors, high-intensity discharge (HID) lamps, and some photographic flashes.

Medical Uses: Xenon has applications in medicine, particularly in anesthesia. It can be used as an anesthetic agent, either alone or in combination with other gases, due to its low solubility in blood and tissues. Xenon anesthesia is considered to be safer than other anesthetics because it has minimal effects on the cardiovascular and respiratory systems.

Nuclear Energy: Xenon is produced as a byproduct in nuclear reactors and is used in nuclear energy applications. It acts as a coolant and a neutron absorber in certain types of reactors.

Research and Development: Xenon gas is used in various research and development applications. It is employed in gas-discharge lamps for spectroscopy, in plasma physics experiments, and as a target for nuclear reactions.

Lighting and Display Technology: Xenon is also used in certain specialized lighting and display technologies, such as xenon flash lamps used in high-speed photography, strobe lights, and some types of plasma and LED displays.

It's worth noting that while xenon gas has several important applications, it is relatively rare and expensive compared to other gases. Its uses are often limited to specialized and specific applications rather than widespread usage.

PRODUCT DISPLAY

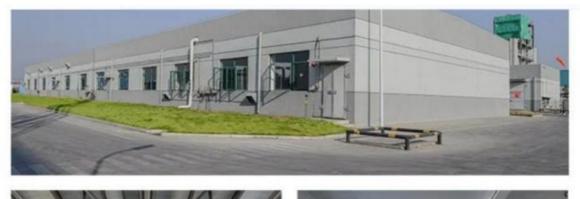
Product Name	Xenon
Molecular Formula	Xe
CAS	7440-63-3
EINECS No.	231-172-7
Grade	Electron Grade, Industrial Grade
Place Of Origin	Jiangsu, China
Purity	99.999%- 99.9999%-
Hazard Class	2.2
Molecular Weight	131.29
UN	2036
Boiling Point(ºC)	(-108.13°C)
Packing Detail	Cylinder: 50L(DOT) Valve:CGA580



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.









Shanghai Kemike Chemical Co.,Ltd