



Premium Neon Electronic Cylinder Gas For Lighting Applications And Cryogenic Refrigeration Neon

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: Ne
- Minimum Order Quantity: 1 Piece
- Price: US \$100/PC
- Packaging Details: Cylinder/Tank
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 2000 Pcs/Month



Product Specification

- Product Name: Neon Gas
- Melting Point: 248.6 °C
- Valve: Cga580
- Appearance: Colorless, Odorless
- Boiling Point: 245.9 °C
- Cylinder Standard: DOT/ISO
- Cylinder Pressure: 15MPa/20MPa
- Model No.: Neon Gas
- Transport Package: Cylinder Sea Transportation
- Specification: 1L 4L 10L 50L
- Trademark: CMC
- Origin: Jiangsu China
- HS Code: 2804290000
- Supply Ability: 5000piece/Month
- CAS No.: 7440-01-9



More Images



Product Description

Product Description

Neon gas is a chemical element with the symbol Ne and atomic number 10. It belongs to the noble gas group of elements, which are characterized by their low reactivity and stable electronic configurations. Neon is a colorless, odorless, and tasteless gas that is found in trace amounts in the Earth's atmosphere.

Here are some key characteristics and uses of neon gas:

Properties: Neon is the second lightest noble gas after helium and has a density of about 0.9 grams per liter. It has a boiling point of -246.1 degrees Celsius (-411 degrees Fahrenheit) and a melting point of -248.6 degrees Celsius (-415 degrees Fahrenheit). Neon emits a distinctive reddish-orange glow when electricity is passed through it, which is why it is commonly used in neon signs.

Neon signs: One of the most well-known uses of neon gas is in the creation of neon signs. The unique ability of neon to produce a vibrant, bright light when electrically charged makes it ideal for creating eye-catching signage. Neon signs are created by filling glass tubes with neon gas and applying an electric current to produce the characteristic glow.

Lighting: Apart from neon signs, neon gas is also used in other lighting applications. It is used in fluorescent lamps, television tubes, and certain types of high-voltage indicators. Neon-based lighting is known for its energy efficiency and long lifespan.

Cryogenics: Neon has a low boiling point and is commonly used as a cryogenic refrigerant. It is used in cryogenics to achieve extremely low temperatures, especially in scientific research, superconducting magnets, and certain medical applications.

Laser technology: Neon gas is sometimes used as a laser medium in gas lasers. When combined with other gases like helium or carbon dioxide, neon can amplify and produce laser light in various wavelengths.

Research and industry: Neon gas has some niche applications in research laboratories and industries. It is used as a detector gas in particle physics experiments, as a refrigerant in cryogenic systems, and as a protective gas in the production of semiconductors and other electronics.

It's worth noting that while neon gas itself is not considered toxic, it is an asphyxiant in high concentrations and should be handled with care.

Basic Info.

Pressure	12.5MPa	Electronic Grade	Electronic Grade
Cylinder	50L	Purity	99.999%
Transport Package	Sea Transportation	Specification	50L 99.999%
Trademark	CMC	Origin	Suzhou
Production Capacity	2000piece/Month		

Specification:

Product Name	Neon
Molecular Formula	Ne
CAS	7440/1/9
EINECS No.	231-110-9
Grade	Electron Grade, Industrial Grade
Place Of Origin	Jiangsu, China
Purity	99.999%-
Hazard Class	2.2
Molecular Weight	20.18
UN	1065
Boiling Point(°C)	(-246°C)
Packing Detail	Cylinder:50L(DOT) Valve:CGA580 Filling Content:8CBM

Detailed Photos





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.

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	Ar+O ₂			
GeH ₄	C ₂ H ₆	B ₂ H ₆	H ₂ Se	GeCl ₄	Xe+NO			



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