



## China Supply High Purity Cylinder Gas 99.999% Pure Ne Gas 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
- Appearance: Colorless, Odorless
- Boiling Point: 245.9 °C
- Cylinder Standard: DOT/ISO
- CAS No.: 7440-01-9
- Formula: Ne
- EINECS: 231-110-9
- Constituent: Industrial Pure Air
- Grade Standard: Industrial Grade
- Chemical Property: Non-Flammable Gas
- Customization: Available | Customized Request



#### More Images



## Product Description

### Product Description

Neon gas (Ne) is a colorless, odorless, and inert noble gas that belongs to the group of elements known as the noble gases. Here are some key points about neon gas:

**Chemical Properties:** Neon is a chemical element with the atomic number 10 and symbol Ne. It is one of the noble gases, which are characterized by their low reactivity and stable electron configurations. Neon has a full outer electron shell, making it highly stable and unreactive.

**Properties:** Neon possesses several important properties:

**Color and Luminosity:** Neon gas emits a distinctive reddish-orange glow when electricity is passed through it. This property is utilized in neon signs and lighting.

**Density:** Neon gas is lighter than air and tends to rise in the atmosphere.

**Low Boiling and Melting Points:** Neon has a boiling point of -246.1 degrees Celsius (-411 degrees Fahrenheit) and a melting point of -248.6 degrees Celsius (-415 degrees Fahrenheit).

**Abundance and Production:** Neon is relatively rare in the Earth's atmosphere, making up only about 0.0018% of the air. It is obtained through a process called fractional distillation of liquefied air. In this process, air is cooled and compressed, and different gases are separated based on their boiling points.

**Uses:** Neon gas has various applications:

**Neon Signs:** Neon gas is widely used in the production of neon signs. When an electric current is applied to the gas-filled glass tubes, the neon emits a characteristic glow, creating visually appealing signs and displays.

**Lighting:** Neon gas is also used in fluorescent lighting, where it is combined with other gases to produce various colors.

**Cryogenics:** Neon is used in cryogenic applications, such as cryogenics research and cooling superconducting magnets in scientific and medical equipment.

**Laser Technology:** Neon is employed as a laser medium in certain types of lasers, including helium-neon (HeNe) lasers.

**Geological Dating:** Neon isotopes are utilized in geochronology, a method used to determine the age of rocks and minerals.

**Safety Considerations:** Neon gas is generally considered non-toxic and does not pose significant health hazards. However, like any compressed gas, it should be handled with care to prevent physical hazards associated with high-pressure cylinders.

Neon gas is most well-known for its use in neon signs, which have become iconic in advertising and urban landscapes. Its unique characteristics of producing a vibrant glow without reacting with other substances make it an excellent choice for visual displays and lighting applications.

#### Basic Info

Transport Package:	40L, 47L, 50L	Melting Point	248.6°C
Trademark:	CMC	Boiling Point	245.9°C
Specification	99.999%	Production Capacity	5000tons/Year
Cylinder Pressure	15MPa/20MPa	Valve	Qf-2/Cga580
Appearance	Colorless, Odorless	Density	0.9002 G/L

Specification:

Specification	Company Standard
Ne	≥ 99.999%
He	≤ 3.0 ppm
H2	≤ 1.0 ppm
O2+Ar	≤ 1.0 ppm
N2	≤ 1.0 ppm
CH4	≤ 0.1 ppm
CO	≤ 1.0 ppm
CO2	≤ 1.0 ppm
H2O	≤ 2.0 ppm

## PRODUCT DETAILS



## PRODUCT LINE



### Detailed Photo



### Packaging & Shipping

## 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: H<sub>2</sub>, O<sub>2</sub>, N<sub>2</sub>, Ar, CO<sub>2</sub>, propane, acetylene, helium, laser mixed gas, SiH<sub>4</sub>, SiH<sub>2</sub>Cl<sub>2</sub>, SiHCl<sub>3</sub>, SiCl<sub>4</sub>, NH<sub>3</sub>, CF<sub>4</sub>, NF<sub>3</sub>, SF<sub>6</sub>, HCL, N<sub>2</sub>O, doping mixed gas (TMB, PH<sub>3</sub>, B<sub>2</sub>H<sub>6</sub>) and other electronic gases.

SiCl <sub>4</sub>	NH <sub>3</sub>	NH <sub>3</sub>	CH <sub>3</sub> F	SiH <sub>4</sub>	Kr	H <sub>2</sub> S	WF <sub>6</sub>	F <sub>6</sub> +Cl <sub>2</sub>
4MS	C <sub>3</sub> F <sub>8</sub>	C <sub>3</sub> F <sub>8</sub>	TEOS	CH <sub>4</sub>	PH <sub>3</sub>	SF <sub>6</sub>	C <sub>2</sub>	HCl+Ne
CF <sub>4</sub>	C <sub>4</sub> F <sub>8</sub>	SiH <sub>2</sub>						TMB+H <sub>2</sub>
SiF <sub>4</sub>	C <sub>3</sub> H <sub>8</sub>	Cl <sub>2</sub>						He +As
BBr <sub>3</sub>	C <sub>3</sub> H <sub>6</sub>	DCE						Ge+Se
POCl <sub>3</sub>	N <sub>2</sub>	SO <sub>2</sub>						D+B
BCl <sub>3</sub>	D <sub>2</sub>	CO <sub>2</sub>						CO+NO
SiHCl <sub>3</sub>	CH <sub>2</sub> F <sub>2</sub>	HF						Ar+O <sub>2</sub>
TMAI	DMZn	DEZn						Xe+NO
AsH <sub>3</sub>	C <sub>2</sub> H <sub>4</sub>	C <sub>2</sub> H <sub>2</sub>	HBr	COS	Ar+O <sub>2</sub>	Xe+NO		
GeH <sub>4</sub>	C <sub>2</sub> H <sub>6</sub>	B <sub>2</sub> H <sub>6</sub>	H <sub>2</sub> Se	GeCl <sub>4</sub>				





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