

# China Supply High Purity Cylinder Gas 99.999% Pure Ne Gas Neon

### **Basic Information**

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



# **Product Specification**

Product Name: Neon GasMelting 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**

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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 248.6ºC Trademark: **Boiling Point** 245.9ºC CMC Specification 99.999% Production Capacity 5000tons/Year Cylinder Pressure 15MPa/20MPa Valve Qf-2/Cga580 0.9002 G/L Appearance Colorless, Odorless Density

#### Specification:

Specification	Company Standard
Ne	≥ 99.999%
	≤ 3.0 ppm
H2	≤ 1.0 ppm
	≤ 1.0 ppm
	≤ 1.0 ppm
	≤ 0.1 ppm
CO	≤ 1.0 ppm
CO2	≤ 1.0 ppm
H2O	≤ 2.0 ppm

# \_PRODUCT DETAILS













# \_PRODUCT LINE











### **Detailed Photo**



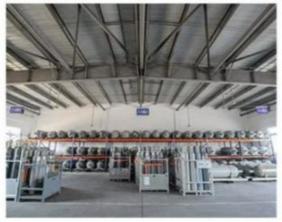


Shanghai Kemike Chemical Co., Ltd is staffed by trained personnel, combine many years experience in Gas industry .We supply cylinder gas, electronic gas, etc., and the gas holder, panel, valves and fittings and other equipment, parts and engineering services to our customers in China and worldwide; The 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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