



99.999% Electron Grade Rare Cylinder Gas High Quality Ne Gas Neon

Our Product Introduction

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



Neon Gas

Product Specification

- Product Name: Neon Gas
- Cylinder Pressure: 15MPa/20MPa
- Appearance: Colorless, Odorless
- Valve: Cga580
- Cylinder Standard: DOT/ISO
- Model No.: Neon Gas
- Specification: 40L/47L/50L
- Trademark: CMC
- Origin: China
- HS Code: 28042900
- CAS No.: 744-01-9
- Formula: Ne
- EINECS: 231-110-0
- Constituent: Industrial Pure Air
- Grade Standard: Industrial Grade



More Images



Product Description

Product Description

Neon gas (Ne) is a chemical element and a noble gas. It is a colorless, odorless, and tasteless gas that is best known for its bright reddish-orange glow when electrically excited. Here are some key points about neon gas:

Chemical Properties: Neon is a chemical element with the atomic number 10 and the symbol Ne. It belongs to the noble gas group on the periodic table, which also includes helium, argon, krypton, xenon, and radon. Neon is chemically inert and does not readily react with other substances.

Natural Abundance: Neon is the fifth most abundant element in the universe, but it is relatively rare on Earth. It is extracted from the Earth's atmosphere, which contains a small percentage of neon gas (about 0.0018% by volume).

Properties: Neon possesses several important properties:

Color: When an electric current passes through neon gas, it emits a distinctive reddish-orange glow. This property makes neon widely used in lighting applications, such as neon signs and advertising displays.

Density: Neon is lighter than air and has a density less than that of the atmosphere. It tends to rise in air and disperse.

Low Boiling Point: Neon has a very low boiling point of -246.1 degrees Celsius (-411 degrees Fahrenheit) and remains in the gaseous state at room temperature.

Uses: Neon gas has various applications:

Lighting: Neon is most commonly used in lighting applications, particularly in neon signs and advertising displays. The bright and colorful glow of neon lights is due to the excitation of neon gas by the electric current passing through it.

Cryogenics: Due to its extremely low boiling point, neon is used in cryogenic applications for cooling purposes. It can be employed in cryogenic refrigeration systems and as a cryogenic coolant in various scientific and medical applications.

Laser Technology: Neon gas is used as a laser medium in certain types of gas lasers, such as helium-neon lasers. These lasers emit visible red light and are used in applications like laser pointers and barcode scanners.

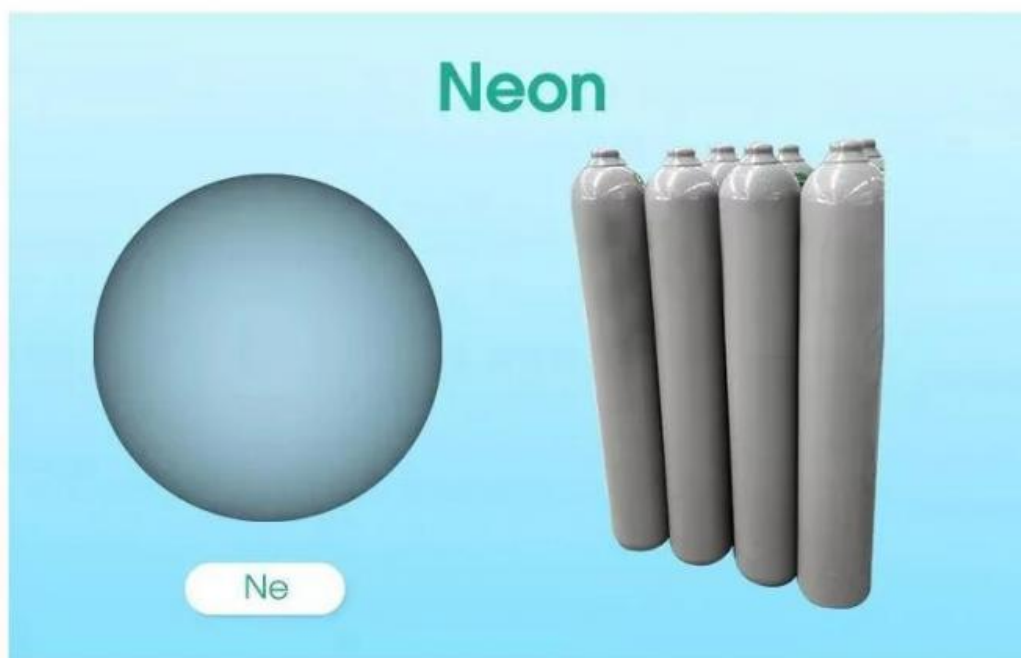
Research and Welding: Neon is also used in scientific research, where its unique properties are utilized in various experiments. Additionally, it is sometimes used in welding applications to protect the weld area from atmospheric contamination.

Neon gas is generally considered safe and non-toxic. However, as with any compressed gas, proper handling, storage, and usage practices should be followed to ensure safety.

Overview

Basic Info.

| | | | |
|-------------------|--------------------|---------------------|-------------|
| Molecular Weight | 20.1797 | Density | 0.9002G/Lm³ |
| Melting Point | 248.6°C | Boiling Point | 245.9°C |
| Appearance | Colorless,Odorless | Un No. | Un 1065 |
| DOT Class | 2.2 | Valve | QF-2/CGA580 |
| Cylinder Standard | GB/ISO/DOT | Cylinder Pressure | 15Mpa/20Mpa |
| Transport Package | 40L/47L/50L | Specification | 100.0% |
| Trademark | CMC | Origin | China |
| HS Code | 28042900 | Production Capacity | 5000m³/Year |



Neon is a colorless, odorless, non-flammable noble gas. Of all the noble gases, the discharge of neon is the strongest at equal voltages and currents.

Specification:

| Specification | Company Standard |
|--------------------|------------------|
| Ne | ≥ 99.999% |
| He | ≤ 3.0 ppm |
| H ₂ | ≤ 1.0 ppm |
| O ₂ +Ar | ≤ 1.0 ppm |
| N ₂ | ≤ 1.0 ppm |
| CH ₄ | < 0.1 ppm |
| CO | ≤ 1.0 ppm |
| CO ₂ | ≤ 1.0 ppm |
| H ₂ O | ≤ 2.0 ppm |

Detailed Photos



Company Profile

ShangHai CMC 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 | | | | | | |
| GeH ₄ | C ₂ H ₆ | B ₂ H ₆ | | | | | | |
| | | | | | | | | |

Certifications



Workshop Display:



Monitor



Laboratory



Equipment



Zone of rectification



Gas filling



Equipment

Shipping Methods



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