



Wholesale Factory Price Neon Lights Neon Signs Cylinder Gas Xenon Gas

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
- Density: 0.9002 G/L
- Boiling Point: 245.9 °C
- Cylinder Pressure: 15MPa/20MPa
- Valve: Qf-2/Cga580
- Cylinder Standard: DOT/ISO/GB
- 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
- Formula: Ne
- EINECS: 231-110-9



More Images



Product Description

Product Description

Neon gas (Ne) is a colorless, odorless, and inert noble gas that belongs to the group of noble gases in the periodic table. It is the fifth most abundant element in the universe, but it is relatively rare on Earth. Here are some key points about neon gas:

Properties: Neon possesses several important properties:

Inertness: Neon is chemically inert, meaning it does not readily react with other substances. It is stable and does not form compounds under normal conditions.

Density: Neon is lighter than air, so it tends to rise and disperse in the atmosphere.

Low Boiling and Melting Points: Neon has a very low boiling point (-246.1°C or -411°F) and melting point (-248.6°C or -415.5°F), making it a gas at room temperature.

Emission of Light: Neon gas emits a characteristic reddish-orange glow when an electric current passes through it. This property is utilized in neon signs and lighting applications.

Abundance and Production: Neon is a relatively rare gas on Earth. It is produced through the fractional distillation of liquid air, where it is separated from other gases in the air, such as nitrogen, oxygen, and argon.

Uses: Neon gas has several practical applications:

Neon Signs: One of the most well-known uses of neon gas is in neon signs. When an electric current is applied to a tube filled with neon gas, it emits a distinctive color of light, typically red-orange. This property is utilized to create eye-catching signs and displays.

Lighting: Neon gas is used in specialized lighting applications, such as neon lamps and fluorescent lighting tubes. It provides a bright, steady light source and is often used in decorative or indicator lighting.

Cryogenics: Neon is used as a cryogenic refrigerant in certain applications, such as cooling superconducting magnets and low-temperature scientific experiments.

Laser Technology: Neon is used as a medium in some types of lasers, such as helium-neon lasers. These lasers emit red light and are used in various scientific, industrial, and medical applications.

Research and Analysis: Neon gas is used in analytical instruments, such as gas chromatography, mass spectrometry, and leak detection systems.

Safety Considerations: Neon gas is generally considered safe and nontoxic. It is not flammable or reactive. However, as with any compressed gas, proper handling and storage procedures should be followed to prevent leaks or accidental release.

Overall, neon gas is valued for its unique properties, particularly its ability to emit a distinct color of light, which finds applications in various lighting, signage, and scientific fields.

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 Photo



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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