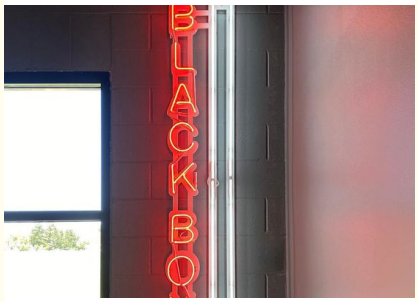
Neon Cylinder Gas Used In Neon Signs, Argon Laser, Cryogenic Refrigeration Neon

Our Product Introduction

Basic Information

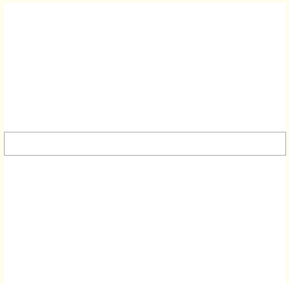
- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: Ne
- Minimum Order Quantity: 1 Piece
- Price: US $100/PC
- Packaging Details: Cylinder/Tank
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 2000 Pcs/Month



Product Specification

- Product Name: Neon Gas
- Valve: Qf-2/Cga580
- Boiling Point: 245.9 ºC
- Melting Point: 248.6 ºC
- Cylinder Standard: DOT/ISO/GB
- 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
- Formula: Ne

More Images



Product Description

Neon gas is a colorless, odorless, and inert noble gas. It belongs to the group of elements known as noble gases, which also includes helium, argon, krypton, xenon, and radon. Neon is represented by the chemical symbol "Ne" and has an atomic number of 10.

Neon is most famous for its distinctive bright red-orange glow when used in lighting applications, such as neon signs. This unique property is due to the excitation of electrons in the neon atoms when an electric current passes through the gas.

Here are some key points about neon gas:

Discovery: Neon was discovered in 1898 by Sir William Ramsay and Morris Travers. They obtained neon by liquefying air and separating its components through fractional distillation.

Abundance: Neon is the fifth most abundant element in the universe, but it is relatively rare on Earth. It is obtained through the fractional distillation of liquid air, where it makes up a small fraction.

Inertness: Neon is chemically inert, meaning it does not readily react with other elements or compounds. It has a full outer electron shell, making it stable and unreactive under normal conditions.

Physical properties: Neon is a gas at room temperature and atmospheric pressure. It has a low boiling point of -246.1 degrees Celsius (-411.0 degrees Fahrenheit) and a low melting point of -248.6 degrees Celsius (-415.5 degrees Fahrenheit).

Applications: The most well-known application of neon gas is in neon signs, where it is used to produce bright and colorful lights. It is also used in other types of gas discharge lamps, television tubes, laser technology, cryogenic refrigeration, and as a coolant in certain scientific applications.

Safety considerations: Neon gas itself is not toxic or harmful to humans. However, like other gases, it can displace oxygen in a confined space, leading to asphyxiation. Proper ventilation and handling precautions should be followed when working with compressed or liquefied neon gas.

Overall, neon gas is an interesting element with unique properties that make it useful in various applications, particularly in lighting and display technologies. Its distinctive glow has made it a popular choice for eye-catching signs and decorative lighting.

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(ºC)	(-246°C)
Packing Detail	Cylinder:50L(DOT) Valve:CGA580 Filling Content:8CBM

Detailed Photos


BLACKBOX

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.

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