

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

Basic Information

. Place of Origin: China Brand Name: CMC COA · Certification: Model Number: 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 Gas
Valve: Qf-2/Cga580
Boiling Point: 245.9 °C
Melting Point: 248.6 °C
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



Neon Gas

Product Description

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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.

Electronic Electronic Pressure 12.5MPa Grade Grade Cylinder 50L Purity 99.999% Transport Package Sea Transportation Specification 50L 99.999% Trademark Suzhou CMC Origin

Production 2000piece/Month

Capacity

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 Photos







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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