



Electronic Grade C4f8 Octafluorocyclobutane Cylinder Gas 5n 99.999%

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: C4f8
- Minimum Order Quantity: 1kg
- Price: US \$75/kg
- Packaging Details: Cylinder/Tank
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 5000kg/month



Product Specification

- Product Name: Octafluorocyclobutane Gas
- Valve: Cga580
- Boiling Point: -6 °C
- Melting Point: -41.4 °C
- Cylinder Pressure: 15MPa/20MPa
- Cylinder Standard: GB/ISO/DOT
- Transport Package: 40L, 47L, 50L
- Specification: 40L, 47L, 50L
- Trademark: CMC
- Origin: China
- HS Code: 29038900
- Supply Ability: 1000000ton/Year
- CAS No.: 115-25-3
- Formula: C4f8
- EINECS: 204-075-2



More Images



Product Description

Product Description

Octafluorocyclobutane is a chemical compound with the molecular formula C_4F_8 . It is a colorless gas at room temperature and is primarily used as a refrigerant in various applications. Octafluorocyclobutane is classified as a high-global warming potential (GWP) greenhouse gas and is part of a group of compounds known as hydrofluorocarbons (HFCs).

HFCs were developed as alternatives to chlorofluorocarbons (CFCs) and hydrochlorofluorocarbons (HCFCs), which were found to deplete the ozone layer. While HFCs do not contain chlorine and do not contribute to ozone depletion, they have high GWPs and are considered potent greenhouse gases. Octafluorocyclobutane has a particularly high GWP, which means it has a significant impact on global warming when released into the atmosphere.

Due to concerns about climate change, there has been a global effort to phase out the use of high-GWP HFCs, including octafluorocyclobutane. The Kigali Amendment to the Montreal Protocol, an international environmental agreement, aims to gradually reduce the production and consumption of HFCs, including octafluorocyclobutane, in order to mitigate their impact on climate change.

It's worth noting that regulations and restrictions on the use of octafluorocyclobutane may vary by country or region. It is important to consult local environmental regulations and guidelines regarding its handling, usage, and disposal.

Basic Info.

| | | | |
|-------------------|---------------------|---------------------|--------------------|
| DOT Class | 2.2 | Un No | 1976 |
| Cylinder | DOT/ISO/GB | Cylinder Pressure | 15MPa/20MPa |
| Valve | Cga580 | Melting Point | -41.4 °C |
| Appearance | Colorless, Odorless | Boiling Point | -6 °C |
| Density | 6.9 Kg/M | Molecular Weight | 200.03 |
| Transport Package | 40L, 47L, 50L | Specification | 100.00% |
| Trademark | CMC | Origin | China |
| HS Code | 29038900 | Production Capacity | 100, 000 Tons/Year |

Detailed Photos:







Specification:

CAS No.: 115-25-3

EINECS No.: 204-075-2

UN No.: UN1976

Purity: 99.999%

Dot Class: 2.2

Appearance: Colorless, Odorless

Grade Standard: Electronic Grade

| | |
|-----------------|-----------|
| Specification | 99.999% |
| Oxygen + Argon | ≤ 1 ppm |
| Nitrogen | ≤ 2 ppm |
| Hydrogen | ≤ 0.5 ppm |
| Carbon Monoxide | ≤ 0.5 ppm |
| Carbon Dioxide | ≤ 0.5 ppm |
| Methane | ≤ 0.5 ppm |
| OHC | ≤ 2 ppm |
| Moisture | ≤ 3 ppm |
| Acidity as HF | ≤ 0.1 ppm |

Packaging &

Shipping

| Cylinder Specifications | | Contents |
|-------------------------|---------|----------|
| Cylinder Capacity | Valve | Weight |
| 47L | DISS716 | 50 kgs |

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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