



Octafluorocyclopentene C5f8 Semiconductors Application Factory Price

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: C5f8
- Minimum Order Quantity: 1kg
- Price: US \$200-2000/kg
- Packaging Details: Cylinder/Tank
- Delivery Time: 30 days
- Payment Terms: T/T
- Supply Ability: 200 Tons/Year



Product Specification

- Model NO.: C5f8
- Product Name: Octafluorocyclopentene
- Cylinder Standard: DOT/ISO/GB
- Valve: Cga330
- Appearance: Liquid
- Purity: 99.99%
- Boiling Point: 12.5°C
- Melting Point: -107.3°C
- Transport Package: Cylinder
- Specification: 44L 100L 270L
- Trademark: CMC
- Origin: Suzhou, China
- HS Code: 2903410000
- Supply Ability: 250t/M
- CAS No.: 559-40-0



Product Description

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Octafluorocyclopentene is a chemical compound with the molecular formula C_5F_8 . It is a cyclopentene derivative in which all five hydrogen atoms of the cyclopentene ring are replaced by fluorine atoms. The compound belongs to the class of perfluorocarbons, which are organic compounds containing only carbon and fluorine atoms.

Octafluorocyclopentene is a colorless liquid at room temperature. It is highly stable and inert due to the strong carbon-fluorine bonds present in its structure. This compound exhibits unique chemical and physical properties due to the presence of fluorine atoms. It is non-flammable and has a low boiling point, making it useful in certain applications.

One of the notable properties of octafluorocyclopentene is its high dielectric constant. Dielectric constant is a measure of a material's ability to store electrical energy in an electric field. Due to its high dielectric constant, octafluorocyclopentene has been used as a component in dielectric fluids and electrical insulating materials.

Due to the presence of fluorine atoms, octafluorocyclopentene exhibits exceptional chemical inertness and resistance to heat, chemicals, and environmental degradation. It is also hydrophobic, meaning it repels water. These properties make it useful in various applications. One of the primary applications of octafluorocyclopentene is as a building block in the synthesis of other fluorinated compounds. It serves as a precursor for the preparation of complex fluorocarbon molecules and polymers with desirable properties, such as high thermal stability, low surface energy, and resistance to solvents.

Octafluorocyclopentene is also used as a lubricant additive in industries where extreme conditions are encountered, such as aerospace and automotive applications. Its high thermal stability and low volatility make it suitable for use in high-temperature environments.

Octafluorocyclopentene also finds application as a precursor in the synthesis of other fluorinated compounds. Its unique structure and reactivity make it a valuable building block for the development of various fluorinated organic and inorganic compounds.

It's important to note that while octafluorocyclopentene has many beneficial properties, it is a synthetic compound and should be handled with care. It is important to follow proper safety protocols and guidelines when working with or using any chemical substance.

Specification:

Molecular Weight	36.46	Density	1.477Kg/m ³
Melting Point	-114.2°C	Boiling Point	-85.1°C
Appearance	Colorless,Pungent	Un No.	1050
DOT Class	2.3&8	Valve	CGA660
Cylinder Standard	GB/ISO/DOT	Cylinder Pressure	15Mpa/20Mpa
Transport Package	44L	Specification	99.9%
Trademark	CMC	Origin	China
HS Code	28061000	Production Capacity	2000tons/Year

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.

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			



Our Advantages

1. Fast delivery;
 2. Stable raw material source;
 3. On-line analysis system for quality control in every step;
 4. High requirement and meticulous process for handling cylinder before filling;
- Our carbon monoxide have been exported to many countries like India, Pakistan, Malaysia, Indonesia, Australia, Singapore, Maldives and Ecuador.
Since the establishment of our company, it has received universal praise by virtue of good reputation, high quality and perfect after service.

FAQ

1. Q: Are you a factory or a trading company?

A: We are a manufacture and trade integration company. Expert R&D department and sophisticated supply chain is our key of success.

2. Q: Are bulk orders and multiple product orders available?

A: Yes, we have a strong production supply system to make sure all of your requirements satisfied. One station product solution is our aim of service.

3. Q: What if I never imported this product before, how do I do it?

A: Don't worry. We have import and export experience with over 50 countries over the world, our fulfillment department will guide you every step of the process.

4.Q: What is the MOQ?

Different products have different min order. It's depends on the kind the gas and the cylinder specifications. Please feel free to contact with me directly for your requirement.

5. Q: Why choice us Kemike Gas ?

A: Stable Supply, Professional Solution, Reasonable Price, and Safety Business with our Taiyu.

6. Q: How does your factory do the quality control?

A: We have standard quality control procedure.

a> In production, we have quality analysis system to make sure each step is qualified.

b> Before filling, we do the pre-treatment for the cylinders to clean well.

c> After filling, we will do 100% inspection analyze before delivery.

7. Q:Is it possible to ship by air?

A:Gases are classified into class 2.1, class 2.2 and class 2.3 which are inflammable gas, non-flammable gas and poisonous gas.

According to regulation, inflammable gas and poisonous gas cannot be shipped by air, and only non-flammable gas can be transported by air. If the amount purchased is large, sea transportation is better.

8. Q:Can I customize the package?

A:Yes of course! The most regular package is cylinder. Its size, color, valve, design and other requirements can all be met.

9. Q: What is the package & storage details?

A:Seamless steel cylinder with different valves, or as to your requirement.

Stored in shady, cool, dry, ventilated warehouse, and keep away from sunlight and ramming.

10. More question.....

Feel free to contact us, you will get immediately reply.



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