



## C5f8 Semiconductor Industry Application Cylinder Gas Octafluorocyclopentene

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: C5f8
- Minimum Order Quantity: 1kg
- Price: US \$15/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: Colorless Gas
- 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



### More Images



## Product Description

### Product Description

Octafluorocyclopentene is a chemical compound with the molecular formula C<sub>5</sub>F<sub>8</sub>. It is a perfluorinated cyclopentene derivative, meaning that all hydrogen atoms in the cyclopentene ring are replaced with fluorine atoms. The compound consists of a five-membered carbon ring with eight fluorine atoms attached to it.

Octafluorocyclopentene is a highly fluorinated compound and exhibits several unique properties due to the presence of fluorine atoms. One of its notable characteristics is its high thermal and chemical stability, making it resistant to many harsh conditions. It is also nonflammable and has a low boiling point.

This compound has been used in various applications, especially in the field of semiconductor manufacturing. It is commonly employed as a precursor in the fabrication of perfluoropolyether (PFPE) lubricants, which are used in the semiconductor industry for their excellent lubricating properties and thermal stability. Octafluorocyclopentene is also utilized in the production of specialized coatings and films. Furthermore, this compound has attracted attention in the field of organic synthesis due to its reactivity. Its unique structural features make it a valuable building block for the synthesis of other fluorinated compounds. Researchers have utilized octafluorocyclopentene as a starting material in the development of novel pharmaceuticals, agrochemicals, and materials with desirable properties.

### Specification:

Molecular Weight	36.46	Density	1.477Kg/m <sup>3</sup>
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

## About us



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: H<sub>2</sub>, O<sub>2</sub>, N<sub>2</sub>, Ar, CO<sub>2</sub>, propane, acetylene, helium, laser mixed gas, SiH<sub>4</sub>, SiH<sub>2</sub>Cl<sub>2</sub>, SiHCl<sub>3</sub>, SiCl<sub>4</sub>, NH<sub>3</sub>, CF<sub>4</sub>, NF<sub>3</sub>, SF<sub>6</sub>, HCL, N<sub>2</sub>O, doping mixed gas (TMB, PH<sub>3</sub>, B<sub>2</sub>H<sub>6</sub>) and other electronic gases.

SiCl <sub>4</sub>	NH <sub>3</sub>	NH <sub>3</sub>	CH <sub>3</sub> F	SiH <sub>4</sub>	Kr	H <sub>2</sub> S	WF <sub>6</sub>	F <sub>6</sub> +Cl <sub>2</sub>
4MS	C <sub>3</sub> F <sub>8</sub>	C <sub>3</sub> F <sub>8</sub>	TEOS	CH <sub>4</sub>	PH <sub>3</sub>	SF <sub>6</sub>	C <sub>2</sub>	HCl+Ne
CF <sub>4</sub>	C <sub>4</sub> F <sub>8</sub>	SiH <sub>2</sub>						TMB+H <sub>2</sub>
SiF <sub>4</sub>	C <sub>3</sub> H <sub>8</sub>	Cl <sub>2</sub>						He +As
BBr <sub>3</sub>	C <sub>3</sub> H <sub>6</sub>	DCE						Ge+Se
POCl <sub>3</sub>	N <sub>2</sub>	SO <sub>2</sub>						D+B
BCl <sub>3</sub>	D <sub>2</sub>	CO <sub>2</sub>						CO+NO
SiHCl <sub>3</sub>	CH <sub>2</sub> F <sub>2</sub>	HF						Ar+O <sub>2</sub>
TMAI	DMZn	DEZn						Xe+NO
			AsH <sub>3</sub>	C <sub>2</sub> H <sub>4</sub>	C <sub>2</sub> H <sub>2</sub>	HBr	COS	
			GeH <sub>4</sub>	C <sub>2</sub> H <sub>6</sub>	B <sub>2</sub> H <sub>6</sub>	H <sub>2</sub> Se	GeCl <sub>4</sub>	





## 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.

