



## China Cylinder Gas High Purity Best Price Sf6 Sulfur Hexafluoride

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: SF6
- Minimum Order Quantity: 1kg
- Price: US \$ 9.5/kg
- Packaging Details: Cylinder/Tank
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 5000 Tons/Year



### Product Specification

- Product Name: Sulfur Hexafluoride
- Valve: Qf-2, Cga590
- Cylinder Pressure: 15MPa/20MPa
- Cylinder Standard: GB/ISO/DOT
- Melting Point: -50.8 °C
- Boiling Point: -63.8 °C
- Appearance: Colorless, Odorless
- Transport Package: Sea Transportation
- Specification: 40L, 47L, 50L, 500L Etc
- Trademark: CMC
- Origin: Suzhou, China
- HS Code: 28129019
- Supply Ability: 5000tons/Year
- CAS No.: 2551-62-4
- Formula: Sf6



### More Images



## Product Description

### Product Description

**Sulfur hexafluoride (SF6) is a colorless, odorless, non-flammable, and non-toxic gas. It is commonly used as an electrical insulator in high-voltage electrical equipment, such as circuit breakers, switchgear, and transformers. SF6 has excellent electrical insulation properties, allowing it to withstand high electric fields without ionizing and losing its insulating capability.**

Here are some key properties and applications of sulfur hexafluoride gas:

**Insulating Properties:** SF6 has a high dielectric strength, which means it can effectively prevent electrical discharges and breakdowns in high-voltage equipment. This property makes it suitable for use in electric power transmission and distribution systems.

**Thermal Stability:** SF6 is thermally stable and can withstand high temperatures without decomposing. This characteristic makes it useful in applications where equipment may experience elevated operating temperatures.

**Inertness:** SF6 is chemically inert and does not react with most substances. It remains stable under normal conditions, making it a reliable and long-lasting insulating material.

**Density:** SF6 is a dense gas with a higher density than air. This property allows it to be used in gas-insulated switchgear (GIS), where the gas is used to fill enclosed compartments, providing insulation and reducing the overall size of the equipment.

**Medical Applications:** SF6 has been used in medical imaging techniques, such as ultrasound contrast imaging and retinal detachment surgery. Its high density and low solubility in blood make it suitable for certain diagnostic and therapeutic procedures.

It's worth noting that while SF6 has many beneficial properties for electrical insulation, it is also considered a potent greenhouse gas with a high global warming potential. Efforts are being made to reduce its usage and find alternative insulating gases with lower environmental impact.

### Basic Info

DOT Class	2.2	Un Number	Un 1080
Cylinder Standard	DOT/ISO/GB	Cylinder Pressure	15MPa/20MPa
Valve	Qf-2, Cga590	Melting Point	-50.8 °C
Appearance	Colorless, Odorless	Boiling Point	-63.8 °C
Density	6.0886 Kg/M³	Molecular Weight	146.05
Transport Package	40L, 47L, 50L, 500L	Specification	99.995%, 99.999%
Trademark	CMC	Origin	China
HS Code	28129019	Production Capacity	5000tons/Year

### Specifications

Specifications	Company Standard
SF6	≥ 99.995%
Air	≤ 10 ppm
CF4	≤ 2 ppm
C2F6	≤ 20 ppm
C3F8	≤ 5 ppm
Low Sulfide	Not Detected
H2O	≤ 1 ppm
Acidity as HF	≤ 0.1 ppm
Hydrolysable Fluorides as HF	≤ 0.3 ppm
Mineral Oil	≤ 1 ppm

### 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: 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	Ar+O <sub>2</sub>			
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>	Xe+NO			





