

# Sf6 Cylinder Gas China Best Price High Purity Sulfur Hexafluoride

## **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

Melting Point: -50.8 °C

• Appearance: Colorless, Odorless

Boiling Point: -63.8 °C
 Cylinder Pressure: 15MPa/20MPa
 Valve: Qf-2, Cga590
 Cylinder Standard: DOT/ISO/GB
 Transport Package: 40L, 47L, 50L, 500L

Transport Package: 40L, 47L, 50L, 500L
 Specification: 40L, 47L, 50L, 500L

Trademark: CMC
Origin: China
HS Code: 28129019
Supply Ability: 5000tons/Year
CAS No.: 2551-62-4
Formula: Sf6



# More Images



## **Product Description**

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Sulfur hexafluoride (SF6) is a chemical compound consisting of one sulfur atom and six fluorine atoms, represented by the molecular formula SF6. It is an odorless, colorless, and non-flammable gas with high thermal stability. SF6 is known for its exceptional electrical insulation properties, making it widely used in various industries.

Here are some key characteristics and applications of sulfur hexafluoride:

Electrical Industry: SF6 is primarily used as an electrical insulator in high-voltage electrical transmission and distribution equipment such as circuit breakers, switchgear, and gas-insulated substations. Its excellent dielectric properties allow for compact designs and efficient electrical insulation. Medical Applications: SF6 is used as a contrast agent in medical imaging procedures, particularly in ultrasound examinations of the gastrointestinal tract. Its high density and low solubility make it suitable for enhancing the visibility of certain organs or structures.

Industrial Processes: SF6 is used in various industrial applications, such as the casting of magnesium and aluminum, where it serves as a protective atmosphere to prevent oxidation. It is also used in the manufacturing of semiconductors and flat panel displays.

Sound and Special Effects: Due to its high density, SF6 is used in some entertainment applications for creating special effects. When inhaled, it alters the sound of a person's voice, making it deeper and more resonant. This effect is often used in movie production and stage performances. It is worth noting that sulfur hexafluoride is a potent greenhouse gas with a high global warming potential (GWP). It has a long atmospheric lifetime, contributing to the accumulation of greenhouse gases in the atmosphere. As a result, there are ongoing efforts to minimize or find alternatives to SF6 in certain applications to mitigate its environmental impact.

#### **Basic Info**

Transport Package: 40L, 47L, 50L, 500L Melting Point -50.8°C

Trademark: CMC Boiling Point -63.8°C

Specification 99.995%, 99.999% Production Capacity 5000tons/Year

Cylinder Pressure 15MPa/20MPa Valve Qf-2, Cga590

Appearance Colorless, Odorless Density 6.0886 Kg/M3

#### Specifications:

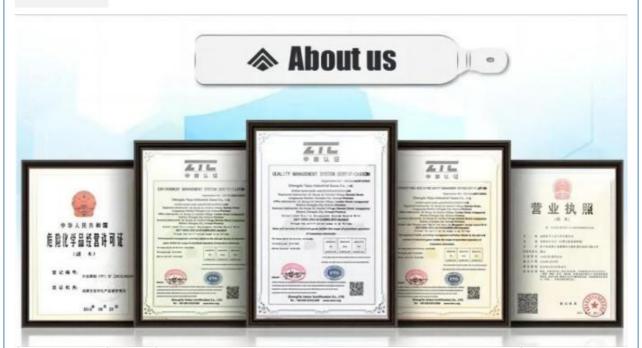
Specifications	Company Standard
SF6	≥ 99.995%
Air	≤ 10 ppm
CF4	≤ 2 ppm
C2F6	≤ 20 ppm
C3F8	≤ 5 ppm
Low Sulfide	Not Detected
H2O	≤ 1 ppm
Acidity as HF	≤ 0.1 ppm
Hydrolysable Fluor ides as HF	≤ 0.3 ppm
Mineral Oil	≤ 1 ppm

### **Detailed Photo**



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.

CH3F F6+CI2 WF6 SiCI4 NH3 NH3 SiH4 Kr H<sub>2</sub>S

C2 C3F8 C3F8 **TEOS** CH4 PH<sub>3</sub> SF6 HCI+Ne 4MS

SiH2 CF4 C4F8

SiF4 **C3H8** CI2

DCE BBr3 **C3H6** 

POCI3 SO2 N2

BCI3 D2 CO<sub>2</sub>

SiHCI3 CH2F2 HF

**TMAI** DMZn DEZn AsH3

GeH4

C2H4

C2H6

**B2H6** 

C2H2

H2Se

HBr

GeCl4

COS

Xe+NO

TMB+H2

He +As

Ge+Se

D+B

CO+NO

Ar+O2





