



50L/47L/40L Cylinder Gas Best Price Sf6 Gas 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
- Boiling Point: -63.8 °C
- Melting Point: -50.8 °C
- Cylinder Pressure: 15MPa/20MPa
- Cylinder Standard: DOT/ISO/GB
- 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
- EINECS: 219-854-2



More Images



Product Description

Product Description

Sulfur hexafluoride (SF6) is a colorless, odorless, and non-flammable gas composed of sulfur and fluorine atoms. It is commonly used as an electrical insulator in high-voltage power transmission equipment, such as circuit breakers, switchgear, and transformers. SF6 has excellent electrical insulation properties, allowing it to effectively extinguish electrical arcs and prevent electrical discharge.

Key properties of sulfur hexafluoride include:

Density: Sulfur hexafluoride (SF6) is denser than air, which makes it suitable for use in high-voltage equipment. Its density allows it to effectively extinguish electrical arcs and enhance the cooling of electrical equipment.

Electrical insulation: Sulfur hexafluoride (SF6) has outstanding dielectric strength, making it an excellent insulating gas for high-voltage applications. It enables the construction of compact and reliable electrical equipment.

Chemical stability: Sulfur hexafluoride (SF6) is chemically stable and non-reactive under normal conditions. It does not react with most materials, including metals, which makes it compatible with a wide range of electrical components.

Thermal conductivity: Sulfur hexafluoride (SF6) has relatively low thermal conductivity compared to other gases. This property helps in preventing thermal losses and maintaining the temperature stability of electrical equipment.

Environmental impact: Sulfur hexafluoride (SF6) is a potent greenhouse gas, with a global warming potential (GWP) significantly higher than that of carbon dioxide (CO2). It has a long atmospheric lifetime, which contributes to its potential impact on climate change. Due to its environmental concerns, efforts are being made to reduce SF6 emissions and find alternative insulation gases.

It's important to handle Sulfur hexafluoride (SF6) with care and follow appropriate safety measures when working with this gas, as it can displace oxygen in confined spaces and pose asphyxiation hazards.

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 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: 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	GeH ₄	C ₂ H ₆	B ₂ H ₆	H ₂ Se	GeCl ₄	Xe+NO



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