# Cylinder Gas China Supply Best Price Teos Gas Tetraethylorthosilicate

Our Product Introduction

## Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: Teos
- Minimum Order Quantity: 1kg
- Price: US $10/kg
- Packaging Details: Cylinder/Tank
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 50000kg/month


## Product Specification

- Product Name: Tetraethylorthosilicate
- Analysis Report: COA
- Gas Nme: Ethylsilicate Gas
- Widely Used: Semiconductor Technology
- Model No.: Teos Gas
- Transport Package: 20L, 40L, 280L And Customizable
- Specification: Y-Cylinder, T-Drum, TT, Tanker
- Trademark: CMC
- Origin: China
- HS Code: 2812190091
- Supply Ability: 50000kg/Month
- CAS No.: 78-10-4
- Formula: Si(Oc2h5)4
- EINECS: 201-083-8
- Constituent: Industrial Pure Air

## More Images




Our Product Introduction

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## Product Description

# Product Description

Tetraethylorthosilicate (TEOS), also known as tetraethoxysilane, is a chemical compound with the formula Si(OC2H5)4. It is a colorless liquid that is primarily used as a precursor for the synthesis of silicon dioxide (SiO2) or silica materials.

TEOS is commonly employed in the production of silica-based materials such as glass, ceramics, and thin films. It is particularly important in the manufacturing of silicon dioxide coatings and films used in microelectronics, optical fibers, and various types of coatings. TEOS can be hydrolyzed in the presence of water or moisture to form silanol groups, which then condense to create a silica network.

The hydrolysis and condensation reactions of TEOS are often carried out in the presence of a catalyst or under controlled conditions to achieve the desired properties of the resulting silica materials. These materials can have diverse applications, including as insulating layers, dielectrics, protective coatings, and substrates in various technological fields.

It is worth noting that TEOS is a volatile and flammable liquid, so appropriate safety precautions should be taken when handling and using it.

**Basic Info.**

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|---|---|---|---|
| Model No: | TEOS | Transport Package | Y-Cylinder, T-Drum, Tt, Tanker |
| Specification: | 20L,40L,280L and customizable | Trademark | CMC |
| Origin: | Suzhou,China | HS Code | 2812190091 |
| Production Capacity: | 50000kg/Month | | |

**Product specfication:**

| | |
|---|---|
| CAS NO. | 11099-06-2 |
| Purity, % | 99%min |
| Molecular weight | 740 |
| Density(p20)g/cm3 | 1.05-1.07 |
| Silicon Dioxide | 40-42% |

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.


Detailed Photos


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