



## China Wholesale Quickly Delivery High Purity Gas Cylinder O2 Gas Oxygen

### Our Product Introduction

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#### Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: O2
- Minimum Order Quantity: 1 m3
- Price: US \$3
- Packaging Details: Cylinder
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 10000tons/year



#### Product Specification

- Product Name: Oxygen Gas
- General Valve: G5/8, Cga580
- Transport: By Sea
- Transport Package: Sea Transportation
- Specification: 175L 200L 240L
- Trademark: CMC
- Origin: Suzhou, China
- Supply Ability: 5000pieces/
- CAS No.: 7782-44-7
- Formula: O2
- EINECS: 231-956-9
- Constituent: Industrial Pure Air
- Grade Standard: Industrial Grade
- Chemical Property: Combustion-Supporting Gas
- Customization: Available | Customized Request



#### More Images



## Product Description

### Product Description

Oxygen gas, often referred to simply as oxygen (O<sub>2</sub>), is a colorless, odorless, and tasteless gas that is vital for supporting life on Earth. It is one of the most abundant elements in the universe and makes up approximately 21% of Earth's atmosphere.

Properties of Oxygen Gas:

Chemical Formula: O<sub>2</sub>

Molecular Weight: 32 g/mol

Melting Point: -218.79 degrees Celsius

Boiling Point: -182.96 degrees Celsius

Density: 1.429 g/L

Solubility in Water: Slightly soluble

Oxygen gas is highly reactive and readily combines with other elements and compounds, supporting various chemical reactions. It is an essential component for combustion, enabling the process of burning. When substances burn, they usually react with oxygen, releasing heat and producing carbon dioxide, water, and other byproducts.

Importance of Oxygen:

Oxygen is crucial for the survival of most living organisms, as it plays a central role in cellular respiration. During respiration, oxygen is used by cells to break down glucose and produce energy in the form of ATP (adenosine triphosphate). This process is vital for the functioning and maintenance of all bodily systems.

In addition to respiration, oxygen has many other important applications, including:

**Medical Use:** Oxygen is administered to patients in hospitals and clinics who have respiratory conditions or require respiratory support. It is often supplied through oxygen masks or nasal cannulas to increase the oxygen concentration in the patient's lungs.

**Industrial Processes:** Oxygen is used in various industrial applications, such as metal cutting, welding, and combustion processes. It provides the necessary oxygen supply for efficient and controlled reactions.

**Aerospace:** Oxygen is a critical component in spacecraft and aircraft systems, where it is used to support breathing for astronauts and passengers at high altitudes.

**Water Treatment:** Oxygen is employed in water treatment processes to enhance the biological breakdown of organic matter and eliminate harmful microorganisms.

**Aquaculture:** Oxygen is sometimes used in fish farming and aquaculture systems to maintain optimal oxygen levels in water, supporting the survival and growth of aquatic organisms.

It's important to note that while oxygen is essential for life, it can also pose hazards in high concentrations or under certain conditions. Oxygen supports combustion, and excessive amounts can increase the risk of fire or explosion. Proper handling and storage procedures should be followed to ensure safety when working with oxygen gas.

#### Basic Info.

Model NO.	o2	Pressure	12.5MPa
Industrial Grade	Industrial Grade	Cylinder	175L
Purity	99.50%	Transport Package	Sea Transportation
Specification	175L 99.5%	Trademark	CMC
Origin	Suzhou	Production Capacity	5000piece/Month

#### Specification:

Product Name	Liquid Oxygen
Molecular Formula	LOX
Einecs No.	231-956-9
Place Of Origin	Suzhou, China
Purity	99.50%
Grade	Electron Grade, Industrial Grade
Hazard Class	2.2
Molecular Weight	32
Un	1072
Boiling Point(°C)	( -182.96 °C)
Packing Method	Gas Cylinder
Packing Detail	TTank Car:22m³ Content:25tons

#### 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			



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