China

CMC

COA

O2

Cylinder

Oxygen Gas

China Factory Price High Quality 99.99% Medical Grade O2 Oxygen Cylinder Gas

Basic Information

- Place of Origin:
- Brand Name:
- Certification:
- Model Number:

Our Product Introduction

for more products please visit us on gascylindertank.com

- Minimum Order Quantity: 1 m3
- Price: US \$3/m3
- Packaging Details:
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 1000Tons/year



Product Specification

- Product Name:
- Appearance:
- Purity:
- Molecular Weight:
- Melting Point:
- Transport Package:
- Specification:
- Origin:
- HS Code:
- Supply Ability:
- CAS No.:
- Formula:
- EINECS:
- Constituent:
- Grade Standard:

Colorless, Odorless 99.999%-99.9999% 32 -218.4 °C 40L/47L/50L/ISO Tank 40L/47L/50L/ISO Tank China 2804400000 100, 000m3/Year 7782-44-7 O2 231-956-9



More Images



100, 000m3/Year 7782-44-7 O2 231-956-9 Industrial Pure Air Industrial Grade

Product Description

Oxygen gas, commonly referred to as molecular oxygen or simply oxygen (O2), is a colorless, odorless, and tasteless gas. It is one of the most abundant elements on Earth and plays a vital role in supporting life. Oxygen gas is essential for respiration, as it is used by organisms to produce energy through a process called aerobic respiration.

In its gaseous form, oxygen exists as a diatomic molecule, meaning it consists of two oxygen atoms bonded together. This molecular structure allows oxygen to readily react with other substances. For example, oxygen supports combustion, enabling fuels to burn and release energy. Oxygen gas is produced naturally through various processes such as photosynthesis, where plants and some microorganisms convert carbon dioxide and water into oxygen and glucose using sunlight. Additionally, oxygen can be generated through industrial processes like fractional distillation of liquid air or electrolysis of water.

The medical field extensively uses oxygen gas for various purposes. It is often administered to patients who have difficulty breathing or require supplemental oxygen. Oxygen also finds applications in industries such as metal cutting and welding, where it supports combustion in hightemperature processes.

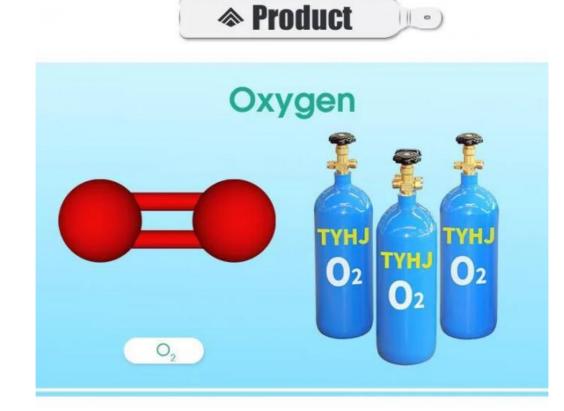
It's worth noting that while oxygen is vital for sustaining life, it can also be hazardous in certain situations. Oxygen supports rapid combustion, and high concentrations of oxygen can increase the risk of fire. Therefore, proper precautions must be taken when handling and storing oxygen gas to ensure safety.

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Basic Info

Transport Package	:40L/47L/50L/ISO Tank	Melting Point	-218.4 ºC
Trademark:	CMC	Boiling Point	-183 ºC
Specification	99.999%	Production Capacity	100, 000m3/Year
Cylinder Pressure	12.5MPa/15MPa/20MPa	aValve	Qf-2/Cga580
Appearance	Colorless, Odorless	Density	1.429g/L

Product Description



Specification:

CAS No.: 7782-44-7 EINECS No.: 231-956-9 UN No.: UN1072 Purity: 99.999%-99.9999% Dot Class: 2.2 & 5.1 Appearance: Colorless Grade Standard: Industrial Grade, Grade, Electronic Grade
 Specification
 99.999%

 Hydrogen
 ≤0.5 ppm

 Argon
 ≤2 ppm

 Nitrogen
 ≤5 ppm

 Carbon Dioxid = ≤0.5 ppm

 THC (as CH4)
 ≤0.5 ppm

 Moisture
 ≤2 ppm

Packaging & Shipping

Cylinder SpecificationsContentsPressure

Cylinder Capacity	Valve	Volume	bar psig
40L	QF-2	7 m3	150 2175
47L	QF-2	7 m3	150 2175
50L	QF-2	10 m3	200 2900

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.



