



China Industrial High Purity Best Price C3h6 Gas Propylene

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: C3h6
- Minimum Order Quantity: 1kg
- Price: US \$2/kg
- Packaging Details: Cylinder/Tank
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 20000 Tons/Year



Propylene Gas

Product Specification

- Product Name: Propylene Gas
- Boiling Point: -47.7 °C
- Cylinder Pressure: 3MPa/15MPa/20MPa
- Appearance: Colorless, Odorless, Slightly Sweet
- Melting Point: -185 °C
- Valve: Qf-30A/Bxf-1/Cga350
- Cylinder Standard: GB/ISO/DOT
- Model No.: Propylene
- Transport Package: 47L, 118L, 926L, ISO Tank
- Specification: 47L, 118L, 926L, ISO Tank
- Trademark: CMC
- Origin: China
- HS Code: 29012200
- Supply Ability: 20000tons/Year
- CAS No.: 42.08



More Images



Product Description

Product Description

C₃H₆ gas refers to propylene gas, which is a colorless, flammable gas composed of three carbon atoms bonded to six hydrogen atoms (C₃H₆).

Propylene is an important industrial chemical and is used in various applications. Here are some key points about C₃H₆ gas:

Properties: Propylene gas possesses several important properties:

Flammability: Propylene is a highly flammable gas that can form explosive mixtures with air. It has a lower flammability limit (LFL) of 2.2% and an upper flammability limit (UFL) of 11.1%.

Odor: Pure propylene gas is odorless. However, commercial-grade propylene may contain impurities that give it a slight petroleum-like odor.

Density: Propylene gas is slightly heavier than air, so it tends to sink and accumulate in low-lying areas.

Production: Propylene gas is primarily produced as a co-product of ethylene production through steam cracking of hydrocarbon feedstocks, such as natural gas, naphtha, or refinery gases. It can also be produced through various other processes, including propane dehydrogenation and metathesis reactions.

Uses: Propylene gas has numerous industrial applications:

Petrochemical Industry: Propylene is a key raw material in the petrochemical industry. It is used in the production of polypropylene, which is one of the most widely used plastics. Propylene is also used in the manufacturing of propylene oxide, acrylonitrile, propylene glycol, and other chemicals.

Fuel: Propylene can be used as a fuel gas for heating and combustion applications.

Refrigeration: Propylene is sometimes used as a refrigerant in low-temperature applications due to its favorable thermodynamic properties.

Chemical Synthesis: Propylene serves as a starting material for the synthesis of various chemicals and intermediates used in the production of pharmaceuticals, solvents, resins, and other products.

Safety Considerations: Propylene gas is flammable and should be handled with caution. Here are some safety considerations:

Storage and Handling: Propylene gas should be stored in appropriate containers or cylinders designed for flammable gases. It should be handled in well-ventilated areas, away from ignition sources and heat.

Fire Hazards: Propylene gas can form explosive mixtures with air. Proper precautions should be taken to prevent the accumulation of flammable concentrations and minimize the risk of ignition.

Toxicity: Propylene gas itself is not highly toxic. However, like any hydrocarbon gas, it can displace oxygen in confined spaces, leading to an oxygen-deficient environment. Proper ventilation is important when working with propylene gas.

When working with propylene gas, it is important to follow all safety guidelines and regulations, including proper storage, handling, and ventilation practices, and to have appropriate fire safety measures in place.

Please note that the handling and use of propylene gas may be subject to specific safety regulations and requirements, depending on the jurisdiction and application.

Basic Info.

Model NO.	C3h6 Gas	DOT Class	2.1
Un No	1077	Cylinder Standard	GB/ISO/DOT
Cylinder Pressure	3MPa/15MPa/20MPa	Valve	Qf-30A/Bxf-1/Cga350
Melting Point	-185 °C	Appearance	Colorless, Odorless, Slightly Sweet
Boiling Point	-47.7 °C	Density	1.914 Kg/M3
Molecular Weight	42.08	Transport Package	47L, 118L, 926L, ISO Tank
Specification	99.50%	Trademark	CMC
Origin	China	HS Code	29012200
Production Capacity	20, 000 Tons/Year		

PRODUCT



Propylene, an organic compound, is a colorless, odorless, slightly sweet gas, flammable, burning will produce bright flame, in the air explosion limit is 2.4% ~ 10.3%; Insoluble in water, soluble in ethanol, ether.

Specification:

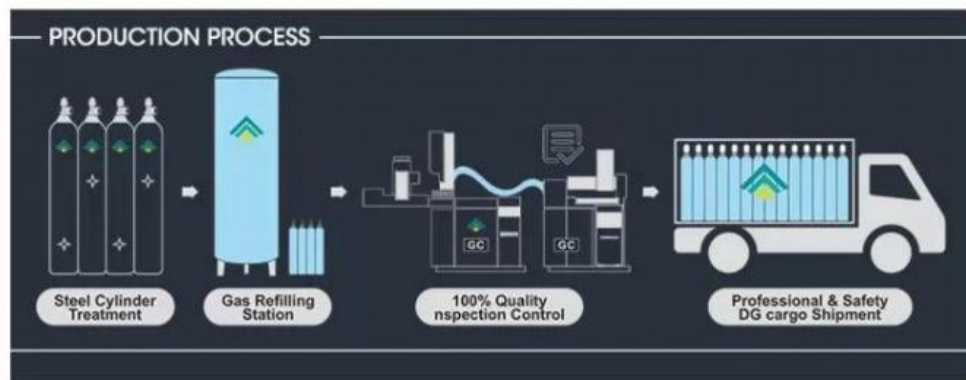
Specification	Company Standard
C3H6	≥ 99.5%
Sulfur	< 1 ppm
Moisture	< 0.001%

PRODUCT DETAILS



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.



Factory display



Detailed Photos



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