



China Supply High Purity Factory Price Cylinder Gas C3h6 Propene

Our Product Introduction

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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



Product Specification

- Product Name: Propene Gas
- Cylinder Pressure: 3MPa/15MPa/20MPa
- Cylinder Standard: GB/ISO/DOT
- Melting Point: -185 °C
- Boiling Point: -47.7 °C
- Transport: By Sea
- Valve: Qf-30A/Bxf-1/Cga350
- 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
- Formula: C3h6



More Images



Product Description

Product Description

Propene, also known as propylene, is a chemical compound with the formula C_3H_6 . It is an unsaturated hydrocarbon and belongs to the alkene group. Here are some key points about propene gas:

Chemical Formula: C_3H_6

Molecular Weight: 42.08 g/mol

Structure: Propene has a double bond between two carbon atoms, which gives it a linear molecular structure. It consists of three carbon atoms bonded to six hydrogen atoms.

Physical Properties: Propene is a colorless gas at room temperature and atmospheric pressure. It has a slightly sweet odor.

Production: Propene is primarily produced as a byproduct of petroleum refining and natural gas processing. It is obtained through cracking of larger hydrocarbon molecules or as a result of catalytic or thermal processes.

Chemical Reactivity: Propene is a highly reactive compound due to its double bond. It readily undergoes addition reactions, such as polymerization, oxidation, and halogenation.

Applications: Propene is a versatile chemical and has numerous industrial applications. It is a key building block in the production of various plastics, including polypropylene, which is widely used in packaging, textiles, automotive parts, and many other products. Propene is also used as a fuel, as a starting material for the synthesis of other chemicals, and in the production of propylene oxide, acrylonitrile, and isopropanol, among other compounds.

Safety Considerations: Propene is flammable and can form explosive mixtures with air. Proper safety precautions, such as adequate ventilation and the use of flame-resistant equipment, should be followed when handling and storing propene gas.

Storage and Handling: Propene gas is typically stored and transported in pressurized containers or as a liquefied gas under appropriate conditions. It should be handled with care to avoid leaks or accidental ignition.

Environmental Impact: Propene does not persist in the environment and is not considered to be highly toxic. However, it can contribute to air pollution and the formation of ground-level ozone when released into the atmosphere.

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



Specification:

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

PRODUCT DETAILS



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.




Factory display



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