



Hot sell Cylinder Gas High Purity Best Price Liquid C3h6 Gas Propylene

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 \$3/kg
- Packaging Details: Cylinder/Tank
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 20000 Tons/Year

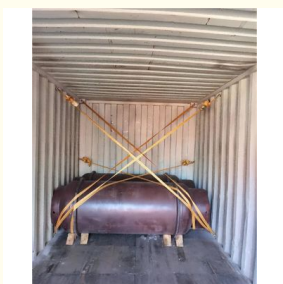


Product Specification

- Product Name: Propylene Gas
- Molecular Weight: 42.08
- Specificatio: 99.5%
- Melting Point: -185 °C
- Cylinder Pressure: 3MPa/15MPa/20MPa
- Transport Package: 118L, 800L
- Specification: 118L, 800L
- Trademark: CMC
- Origin: China
- HS Code: 29012200
- Supply Ability: 20000 Tons/Year
- CAS No.: 42.08
- Formula: C3h6
- EINECS: 115-07-1
- Constituent: Industrial Pure Air



More Images



Product Description

Product Description

Propylene gas (C3H6) is a colorless, flammable gas that is widely used in various industrial applications. It is an important building block in the petrochemical industry and possesses several useful properties. Here are some key points about propylene gas:

Properties: Propylene gas has several important properties:

Flammability: Propylene is a 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 12.7%.

Odor: Pure propylene gas has a slightly sweet, gasoline-like odor. However, commercial-grade propylene may contain additives or impurities that affect its 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 byproduct of petroleum refining and the steam cracking of hydrocarbon feedstocks. It is obtained from the cracking of heavier hydrocarbons, such as propane or naphtha, during the refining process.

Uses: Propylene gas has numerous industrial applications:

Petrochemical Industry: Propylene is a valuable feedstock in the production of various chemicals. It serves as a building block for the manufacturing of polypropylene (a widely used plastic), propylene oxide, acrylonitrile, isopropyl alcohol, and other chemicals.

Fuel Gas: Propylene can be used as a fuel gas for heating and combustion processes, similar to propane or natural gas.

Chemical Synthesis: Propylene is employed as a reactant in the synthesis of other compounds, including pharmaceuticals, solvents, and plastics.

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. Precautions should be taken to prevent the accumulation of flammable concentrations and to minimize the risk of ignition.

Toxicity: Propylene gas is generally considered to have low toxicity. 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.

Product Description

Basic Info.

DOT Class	2.1	Un No	1077
Cylinde	DOT/ISO/GB	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	99.5%
Trademark	CMC	Origin	China
HS Code	29012200	Production Capacity	20, 000 Tons/Year

Specification:

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

Detailed Photos



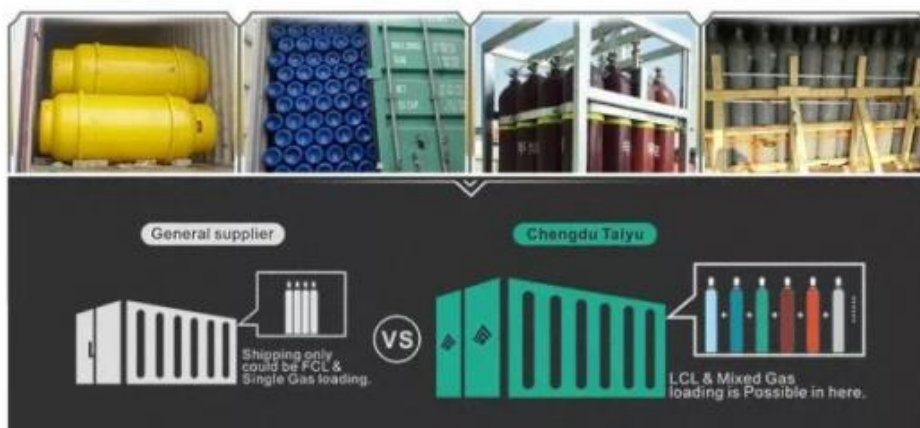






Packaging & Shipping

PACKING & SHIPPING



About us



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.

SiCl ₄	NH ₃	NH ₃	CH ₃ F	SiH ₄	Kr	H ₂ S	WF ₆	F ₆ +Cl ₂
4MS	C ₃ F ₈	C ₃ F ₈	TEOS	CH ₄	PH ₃	SF ₆	C ₂	HCl+Ne
CF ₄	C ₄ F ₈	SiH ₂						TMB+H ₂
SiF ₄	C ₃ H ₈	Cl ₂						He +As
BBr ₃	C ₃ H ₆	DCE						Ge+Se
POCl ₃	N ₂	SO ₂						D+B
BCl ₃	D ₂	CO ₂						CO+NO
SiHCl ₃	CH ₂ F ₂	HF						Ar+O ₂
TMAI	DMZn	DEZn						Xe+NO
AsH ₃	C ₂ H ₄	C ₂ H ₂	HBr	COS	Ar+O ₂	Xe+NO		
GeH ₄	C ₂ H ₆	B ₂ H ₆	H ₂ Se	GeCl ₄				



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