



High Purity Cylinder Gas China Factory Price Wholesale Gas Propane

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: C3h8
- 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: Propane Gas
- Boiling Point: -42.1
- Molecular Weight: 44.096
- Melting Point: -187.6
- Cylinder Pressure: 12.5MPa/15MPa/20MPa
- Transport Package: 40L/47L/50L/118L/926L
- Specification: 40L/47L/50L/118L/926L
- Trademark: CMC
- Origin: China
- HS Code: 2901100000
- Supply Ability: 1, 000, 000ton/Year
- CAS No.: 74-98-6
- Formula: C3h8
- EINECS: 200-827-9
- Constituent: Industrial Pure Air



More Images



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Product Description

Product Description

C3H8 refers to propane, which is a chemical compound belonging to the alkane group. It is a flammable hydrocarbon gas. Here are some key points about propane gas:

Chemical Formula: C3H8

Molecular Weight: 44.1 g/mol

Structure: Propane consists of three carbon atoms bonded to eight hydrogen atoms. It has a linear molecular structure and is classified as an alkane.

Physical Properties: Propane is a colorless and odorless gas at room temperature and atmospheric pressure. The distinctive odor associated with propane is due to the addition of odorants, such as ethanethiol, for safety purposes.

Production: Propane is produced as a byproduct of natural gas processing and petroleum refining. It can also be obtained through the refining of crude oil or as a result of other hydrocarbon processing methods.

Chemical Reactivity: Propane is relatively unreactive under normal conditions. However, it can undergo combustion reactions in the presence of oxygen, releasing heat energy.

Applications: Propane is widely used as a fuel for heating, cooking, and various industrial processes. It is commonly used as a fuel for residential and commercial heating, as well as for cooking appliances, such as stoves, grills, and ovens. Propane is also utilized as a fuel for vehicles, forklifts, and agricultural equipment. Additionally, it serves as an important feedstock for the production of petrochemicals, including propylene and ethylene.

Safety Considerations: Propane is a flammable gas and should be handled with care. It can form explosive mixtures with air if not properly controlled. Adequate ventilation, leak detection systems, and compliance with safety regulations are essential when using and storing propane.

Storage and Handling: Propane is typically stored and transported in pressurized containers, such as propane cylinders or tanks. These containers are designed to withstand the pressure of the gas and ensure safe storage and transportation.

Environmental Impact: Propane is considered a relatively clean-burning fuel compared to other hydrocarbons. It produces fewer greenhouse gas emissions and air pollutants when burned. However, propane is still a fossil fuel and contributes to carbon dioxide emissions when combusted.

Overview

Basic Info.

DOT Class	2.1	Un No	1075
Cylinde	GB/ISO/DOT	Cylinder Pressure	12.5MPa/15MPa/20MPa
Valve	Cga350/Bwf-1	Melting Point	-187.6 °C
Appearance	Colorless, Odorless	Boiling Point	-42.1 °C
Density	493 Kg/m³	Molecular Weight	44.096
Transport Package	40L/47L/50L/118L/926L	Specification	99.50%
Trademark	CMC	Origin	China
HS Code	29011000	Production Capacity	1, 000, 000ton/Year

Product Description

Specification:

Dot Class:2.2

State: Liquid

Purity: 99.5%

UN NO: UN1978

CAS NO: 74-98-6

Grade Standard: Industrial Grade

Specification	≥99.5	%
Methane (CH4)	≤100	ppmv
Ethane(C2H6)	≤250	ppmv
Propylene(C3H6)	≤1000	ppmv
Moisture(H2O)	≤3	ppmv
Sulfur	≤1	ppmv
Isobutane(C4H10)	≤2500	ppmv
N-butane(C4H10)	≤1000	ppmv

Cylinder Specifications Contents

Cylinder Capacity	Valve	Weight
47L	CGA350	19 kgs
118L	BWF-1	45 kgs
926L	BWF-1	375 kgs
ISO TANK		10 Tons

Company Profile

ShangHai CMC 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.

Certifications



Workshop Display:



Monitor



Laboratory



Equipment

Zone of rectification



Gas filling



Equipment



Shipping Methods





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