



China Wholesale best price HighPurity Air Cylinders Gas C3h8 Propane

Our Product Introduction

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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 °C
- Molecular Weight: 44.096
- Melting Point: -187.6 °C
- 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



Product Description

Product Description

Propane gas, also known simply as propane, is a flammable hydrocarbon gas with the chemical formula C₃H₈. It is an alkane and belongs to the family of liquefied petroleum gases (LPGs). 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. However, a strong odorant called ethanethiol is added to propane to aid in leak detection, as it has a distinctive, pungent smell.

Production: Propane is primarily produced as a byproduct of natural gas processing and petroleum refining. It is separated from other hydrocarbons through processes such as fractionation or cracking.

Chemical Reactivity: Propane is relatively unreactive under normal conditions. It is stable and does not readily undergo chemical reactions unless exposed to high temperatures or flames.

Applications: Propane is widely used as a fuel for a variety of applications. It is commonly used for heating homes, businesses, and industrial processes. Propane is also used as a fuel for cooking appliances, water heaters, space heaters, and grills. Additionally, it is utilized in the transportation sector as an alternative fuel for vehicles and forklifts.

Safety Considerations: Propane is a flammable gas and should be handled and stored with caution. 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 as a liquid under pressure in specialized containers such as propane cylinders, tanks, or bulk storage vessels. These containers are designed to withstand the pressure and temperature changes associated with propane.

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

Product Description

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 (CH ₄)	≤100	ppmv
Ethane(C ₂ H ₆)	≤250	ppmv
Propylene(C ₃ H ₆)	≤1000	ppmv
Moisture(H ₂ O)	≤3	ppmv
Sulfur	≤1	ppmv
Isobutane(C ₄ H ₁₀)	≤2500	ppmv
N-butane(C ₄ H ₁₀)	≤1000	ppmv

Detailed Photo



Packaging & Shipping

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 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			
GeH ₄	C ₂ H ₆	B ₂ H ₆	H ₂ Se	GeCl ₄	Xe+NO			



