



China OEM Industrial Cylinder Gas Storage 20MPa C3h8 Propane Gas

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 \$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: 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

Propane gas, also known as liquefied petroleum gas (LPG), is a flammable hydrocarbon gas commonly used as a fuel. 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 belongs to the alkane group.

Physical Properties: Propane is a colorless and odorless gas at room temperature and atmospheric pressure. However, an odorant called ethanethiol is added to propane for safety reasons, giving it a distinct and pungent odor.

Production: Propane is produced during the refining of petroleum and natural gas processing. It is obtained from the processing of crude oil or natural gas, where it is separated and purified.

Storage and Transportation: Propane is typically stored and transported in its liquefied form under pressure. It is compressed into a liquid state by cooling or applying pressure, which allows for easier and more efficient storage and transportation.

Applications: Propane has a wide range of applications as a fuel. It is commonly used for heating homes, water heating, cooking, and grilling.

Propane is also used as a fuel for vehicles, including cars, buses, and forklifts. In addition, it is employed in various industrial processes and serves as a feedstock for the production of chemicals and plastics.

Safety Considerations: Propane is a flammable gas and should be handled with caution. It can form explosive mixtures with air when not properly controlled. Safety measures, such as leak detection systems, proper ventilation, and adherence to safety regulations, are crucial when using and storing propane gas.

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

Propane Accessories: Propane gas is utilized with various accessories and equipment, such as propane tanks, cylinders, regulators, valves, and burners, depending on the specific application and use.

Product Description

Basic Info.

DOT Class	2.1	Un No	1075
Cylinder	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/m ³	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

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	AsH ₃	C ₂ H ₄	C ₂ H ₂	HBr	COS	Ar+O ₂
TMAI	DMZn	DEZn	GeH ₄	C ₂ H ₆	B ₂ H ₆	H ₂ Se	GeCl ₄	Xe+NO



