China Cylinder Gas Best purity Wholesale Best Price C3h8 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
- Cylinder Standard: GB/ISO/DOT
- Appearance: Colorless, Odorless
- Cylinder Pressure: 3MPa/15MPa/20MPa
- Boiling Point: -42.1
- Melting Point: -187.6
- Valve: Bwf-1/Cga350
- 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

More Images

Product Description

Product Description

Propane gas, also known as liquefied petroleum gas (LPG), is a flammable hydrocarbon gas commonly used as a fuel. It is derived from natural gas processing and petroleum refining. 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 to give it a distinctive odor, allowing for the detection of leaks.

Production: Propane is produced as a byproduct of natural gas processing and petroleum refining. It is separated from other hydrocarbons through a series of distillation and purification processes.

Chemical Reactivity: Propane is relatively unreactive under normal conditions. It requires a source of ignition, such as a spark or flame, to undergo combustion.

Energy Content: Propane has a high energy content and is commonly used as a fuel for heating, cooking, and various applications. When burned, it releases heat energy and produces carbon dioxide and water vapor as byproducts.

Applications: Propane is widely used as a fuel for residential, commercial, and industrial purposes. It is commonly used for heating homes, powering stoves, ovens, and water heaters, and operating grills, fireplaces, and generators. Propane is also used in agriculture for crop drying, heating greenhouses, and fueling farm equipment. Additionally, it serves as a fuel for vehicles and is commonly used in forklifts, buses, and other propane-powered vehicles.

Safety Considerations: Propane is a flammable gas and should be handled with caution. It is important to follow proper safety procedures, such as ensuring adequate ventilation, performing regular leak checks, and using approved equipment and storage containers. Propane leaks can be hazardous, as the gas is heavier than air and can accumulate in confined spaces, leading to fire or explosion risks.

Environmental Impact: Propane is considered a relatively clean-burning fuel compared to other fossil fuels. It produces lower levels of greenhouse gas emissions and air pollutants, such as carbon dioxide, nitrogen oxides, and sulfur dioxide, when burned. However, it is still a fossil fuel and contributes to carbon emissions and climate change.

Basic Info.

Transport Package:	40L/47L/50L/ISO Tank	Density	493 Kg/M
Trademark:	CMC	Boiling Point	-42.1 ºC
Specification	99.50%	Production Capacity	1, 000, 000ton/Year
Cylinder Pressure	12.5MPa/15MPa/20MPa	Valve	Qf-2/Cga580

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

Detailed Photos


C3H8
C3H8
C3H8
C3H8

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.

SiCl4	NH3	NH3	CH3F	SiH4	Kr	H2S	WF6	F6+Cl2
4MS	C3F8	C3F8	TEOS	CH4	PH3	SF6	C2	HCl+Ne
CF4	C4F8	SiH2						TMB+H2
SiF4	C3H8	Cl2						He +As
BBr3	C3H6	DCE						Ge+Se
POCl3	N2	SO2						D+B
BCl3	D2	CO2						CO+NO
SiHCl3	CH2F2	HF	AsH3	C2H4	C2H2	HBr	COS	Ar+O2
TMAl	DMZn	DEZn	GeH4	C2H6	B2H6	H2Se	GeCl4	Xe+NO

Shanghai Kemike Chemical Co.,Ltd

+86 18762990415 williamchen@cmc-chemical.com gascylindertank.com