China Best Price Cylinder Gas C3h8 Propane Refrigerant Gas Propane Gas

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
- Valve: Cga350/Bwf-1
- Boiling Point: -42.1 ºC
- Melting Point: -187.6 ºC
- Cylinder Pressure: 3MPa/15MPa/20MPa
- Cylinder Standard: GB/ISO/DOT
- 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

More Images

Our Product Introduction

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Product Description

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Propane gas (C3H8) is a colorless, odorless, and flammable hydrocarbon gas that is commonly used as a fuel source for various applications. It is derived from natural gas processing and petroleum refining. Here are some key points about propane gas:

Properties: Propane gas possesses several important properties:

Flammability: Propane is highly flammable and can form explosive mixtures with air. It has a lower flammability limit (LFL) of 2.1% and an upper flammability limit (UFL) of 9.5%.

Odor: Pure propane gas is odorless. However, an odorant called ethanethiol is added to commercial propane to give it a distinct "rotten egg" smell. This odor serves as a safety feature to detect gas leaks.

Density: Propane gas is heavier than air, so it tends to sink and accumulate in low-lying areas.

Production: Propane gas is produced as a byproduct of natural gas processing and petroleum refining. It is separated from the other components of natural gas or refined petroleum products through a process called fractionation.

Uses: Propane gas has numerous applications:

Residential and Commercial Heating: Propane is widely used as a fuel for space heating, water heating, and cooking in residential and commercial buildings. It is commonly used in areas where natural gas pipelines are not available.

Fuel for Vehicles: Propane can be used as an alternative fuel for vehicles. It is commonly used in propane-powered vehicles, such as forklifts, buses, and some cars.

Industrial Applications: Propane is used as a fuel in various industrial processes, such as in furnaces, boilers, kilns, and manufacturing operations.

Agriculture: Propane is used in agriculture for applications such as crop drying, pest control, and greenhouse heating.

Recreational Uses: Propane is commonly used as a fuel for camping stoves, grills, and recreational vehicles (RVs).

Safety Considerations: Propane gas is flammable and should be handled with caution. Here are some safety considerations:

Storage and Handling: Propane gas is typically stored in pressurized cylinders or tanks designed for its safe containment. These containers should be stored in well-ventilated areas, away from ignition sources, and in compliance with local safety regulations.

Leak Detection: The distinctive odor of propane makes it easy to detect leaks. If you smell gas, it is important to take immediate action by leaving the area, avoiding open flames or sparks, and contacting the appropriate authorities.

Ventilation: When using propane indoors, proper ventilation is essential to prevent the buildup of gas and ensure the safety of occupants.

Professional Installation: It is recommended to have propane appliances, systems, and storage tanks installed and serviced by qualified professionals.

Safety Devices: Propane systems should be equipped with safety devices, such as pressure relief valves, excess flow valves, and leak detectors, to mitigate potential hazards.

When using propane gas, it is crucial to follow all safety guidelines and regulations provided by manufacturers, local authorities, and relevant codes and standards.

Basic Info

Transport Package:	40L/47L/50L/118L/926L	Melting Point	-187.6ºC
Trademark:	CMC	Boiling Point	-42.1ºC
Specification	99.50%	Production Capacity	5000tons/Year
Cylinder Pressure	12.5MPa/15MPa/20MPa	Valve	Cga350/Bwf-1
Appearance	Colorless, Odorless	Density	493 Kg/M3

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

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

Detailed Photos

Packaging & Shipping

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.

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