China Wholesale best price HighPurity Air Cylinders Gas C3h8 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 ºC
- Molecular Weight: 44.096
- Melting Point: -187.6 ºC
- 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 ºC
Appearance	Colorless, Odorless	Boiling Point	-42.1 ºC
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

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.

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

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