Cylinder Gas China OEM Specialty Gas C2h2 Pure Acetylene Gas Welding and Cutting Applications

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: C2h2
- Minimum Order Quantity: 1 Piece
- Price: US $25/PC
- Packaging Details: Cylinder/Tank
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 2000 Pcs/Month

Product Specification

- Product Name: Acetylene Gas
- Valve: Qf-15A
- Boiling Point: -83.4 ºC
- Melting Point: -81.8 ºC
- Cylinder Pressure: 12.5MPa/15MPa/20MPa
- Cylinder Standard: GB/ISO/DOT
- Specification: 40L
- Trademark: CMC
- Origin: China
- Supply Ability: 2000cylinder/Month
- CAS No.: 74-86-2
- Formula: C2h2
- EINECS: 200-816-9
- Constituent: Industrial Pure Air
- Grade Standard: Industrial Grade

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Product Description

OEM Specialty Gas Cylinder C2h2 Pure Acetylene Tank

Acetylene gas, also known as ethyne, is a highly flammable hydrocarbon gas with the chemical formula C2H2. It is colorless and has a distinct odor. Acetylene is composed of two carbon atoms and two hydrogen atoms connected by a triple bond.

Acetylene is produced through the reaction of calcium carbide with water in a process called acetylene generation. The resulting acetylene gas is then purified and compressed for various industrial applications.

One of the notable properties of acetylene is its high flame temperature, which makes it an excellent fuel for welding and cutting applications. It produces a very hot flame when combined with oxygen, reaching temperatures of around 3,500 degrees Celsius (6,332 degrees Fahrenheit). This high temperature allows for efficient metal cutting and welding processes.

Acetylene is also used in chemical synthesis and as a building block for the production of several organic compounds. It is a versatile compound and finds applications in various industries, including metal fabrication, construction, and chemical manufacturing.

However, it's important to note that acetylene gas is highly unstable and can be potentially hazardous if not handled properly. It is sensitive to shock, heat, and pressure, and can decompose explosively under certain conditions. Therefore, it requires careful storage and handling, typically in specialized cylinders filled with a porous material to stabilize the gas.

Due to its flammability and safety concerns, acetylene is not commonly used for household or consumer applications. It is primarily an industrial gas utilized by professionals trained in its safe handling and usage.

Overview

Basic Info.

Model NO.	C2H2	Un	1001
Hazard Class	2.1	Label	Common
Analysis Report	Certificate of Conformity	Chemical Formula	C2h2
Purity	98%	Widely Used	Electronically Conducting Plastics
Product Name	Acetylene	Transport Package	Cylinder/Tank
Specification	40L or others	Trademark	CMC
Origin	Suzhou, Jiangsu, China	HS Code	29012920
Production Capacity	2000cylinder/Month		

Gas	Acetylene		Chemical Formula	C2H2
Hazard Class	2.1		Molecular Weight	26.038
CAS	74-86-2		UN	1001
Boiling Point	at 1.013 bar [ºC]	-84.15	at 14.5 psi, [ºF]	-241.17
Density	at 1.013 bar,15ºC, [kg/m³]	1.109	at 1 atm., 70ºF, [lb/ft³]	0.068

Detailed Photos

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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