High Quality Medical Cryogenic Equipment Liquid Dewar Argon Oxygen Nitrogen

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: Argon/Oxygen
- Minimum Order Quantity: 10 Piece
- Price: US $800-900/PC
- Packaging Details: Cylinder
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 2000PC/Month

Product Specification

- Product Name: Liquid Argon Oxygen Nitrogen
- Purity: 99.999%/99.99%/99.9%
- Transport: By Sea
- Content2: Argon
- Content1: Oxygen
- Transport Package: Sea Transportation
- Specification: 175L 200L 240L
- Trademark: CMC
- Origin: Suzhou, China
- Supply Ability: 2000pieces/Moth
- CAS No.: 7727-37-9
- Formula: N2
- EINECS: 231-783-9
- Constituent: Industrial Pure Air
- Grade Standard: Industrial Grade

More Images

Product Description

Product Description

Liquid argon oxygen, also known as LOX, refers to a mixture of liquid argon (Ar) and liquid oxygen (O2). It is created by cooling and liquefying both gases to very low temperatures. Here are some key points about liquid argon oxygen:

Composition: Liquid argon oxygen is a mixture of liquid argon and liquid oxygen. The specific composition may vary depending on the desired application and requirements.

Storage and Handling: Liquid argon oxygen is typically stored in specialized cryogenic containers designed to maintain extremely low temperatures. These containers are well-insulated and can safely store and transport the liquid mixture.

Cryogenic Temperatures: Both liquid argon and liquid oxygen are cryogenic fluids, meaning they exist at very low temperatures. Liquid argon has a boiling point of -185.8°C (-302.4°F), while liquid oxygen has a boiling point of -183.0°C (-297.4°F). The storage and handling of these substances require appropriate cryogenic safety measures.

Applications: Liquid argon oxygen finds various applications in industries such as aerospace, metallurgy, and medicine. It is commonly used in the field of welding and metal fabrication, where it provides a controlled atmosphere for shielding and cooling during the welding process. LOX is also used in some medical applications, such as cryosurgery, where extreme cold is used to destroy abnormal tissue.

Safety Considerations: Handling liquid argon oxygen requires special precautions due to the low temperatures involved. Direct contact with the skin or eyes can cause severe cold burns. Adequate protective equipment and safety procedures should be followed to minimize the risk of injury.

Oxidizing Properties: Liquid oxygen is highly reactive and supports combustion. When mixed with flammable materials or fuels, it can increase the intensity of a fire. Therefore, appropriate safety measures should be taken when using liquid argon oxygen in the presence of flammable substances.

It's important to note that while liquid argon and liquid oxygen can be combined, the specific applications and properties of the mixture may vary depending on the desired purpose and the proportions of the gases used. Consulting with experts or industry professionals is recommended for detailed information on the specific use of liquid argon oxygen in a particular context.

Basic Info.

Pressure Level	High Pressure (10.0MPa≤p<100.0MPa)	Condition	New
Content2	Argon	Purity	99.999%/99.99%/99.9%
Content1	Oxygen	Transport Package	Sea Transportation
Specification	175L 200L 240L	Trademark	CMC
Origin	Suzhou	HS Code	7311009000
Production Capacity	2000piece/Month		

Product Parameters

Product Name	Liquid Oxygen
Molecular Formula	LOX
Einecs No.	231-956-9
Place Of Origin	Suzhou, China
Purity	99.50%
Grade	Electron Grade, Industrial Grade
Hazard Class	2.2
Molecular Weight	32
Un	1072
Boiling Point(ºC)	(-182.96 °C)
Packing Method	Gas Cylinder
Packing Detail	TTank Car:22m³ Content:25tons

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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