China Cylinder Liquid Oxygen/ Argon/ Nitrogen

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: Argon/ Nitrogen
- Minimum Order Quantity: 10Pcs
- Price: US $110
- Packaging Details: Cylinder/Tank
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 5000Pcs/Month

Product Specification

- Product Name: Liquid Argon Nitrogen
- Transport: By Sea
- Pressure: 12.5MPa
- Purity: 99.999%
- Color: Colorless
- Transport Package: Sea Transportation
- Specification: 175L 200L 240L
- Trademark: CMC
- Origin: Suzhou, China
- Supply Ability: 5000pieces/
- CAS No.: 7782-44-7
- Formula: O2
- EINECS: 231-956-9
- Constituent: Industrial Pure Air
- Grade Standard: Industrial Grade

More Images

Our Product Introduction

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Product Description

Product Introduction

Liquid argon nitrogen, sometimes referred to as LIN (Liquid Argon Nitrogen), is a mixture of liquid argon (Ar) and liquid nitrogen (N2). It is created by cooling and liquefying both gases to very low temperatures. Here are some key points about liquid argon nitrogen:

Composition: Liquid argon nitrogen is a mixture of liquid argon and liquid nitrogen. The specific composition may vary depending on the desired application and requirements. The proportions of argon and nitrogen in the mixture can be adjusted based on the intended use.

Cryogenic Temperatures: Both liquid argon and liquid nitrogen 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 nitrogen has a boiling point of -195.8°C (-320.4°F). The storage and handling of these substances require appropriate cryogenic safety measures.

Uses: Liquid argon nitrogen finds various applications in industries such as food processing, manufacturing, and scientific research. It is commonly used for cryogenic freezing and cooling applications, such as flash freezing of food products, cryogenic grinding, and cryopreservation of biological samples. The mixture's low temperatures and inert properties make it suitable for many cryogenic applications.

Cryogenic Preservation: Liquid argon nitrogen is often used for the long-term storage and preservation of biological materials, such as cells, tissues, and reproductive cells (sperm and eggs). The extreme cold temperatures help to maintain the viability and integrity of these materials over extended periods.

Safety Considerations: Handling liquid argon nitrogen 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.

Inert Properties: Both argon and nitrogen are chemically inert gases, meaning they do not readily react with other substances under normal conditions. This inertness makes liquid argon nitrogen useful in applications where a non-reactive environment or an inert atmosphere is required.

The specific applications and properties of liquid argon nitrogen 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 nitrogen in a particular context.

Basic Info.

Model NO.	o2	Pressure	12.5MPa
Industrial Grade	Industrial Grade	Cylinder	175L
Purity	99.50%	Transport Package	Sea Transportation
Specification	175L 99.5%	Trademark	CMC
Origin	Suzhou	Production Capacity	5000piece/Month

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.

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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