



## Semiconductors Medical Applications Cylinder Gas Argon Factory Supply

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: Ar
- Minimum Order Quantity: 1kg
- Price: US \$15/kg
- Packaging Details: Cylinder/Tank
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 5000kg/month



#### Product Specification

- Product Name: Argon Gas
- Cylinder Standard: DOT/ISO/GB
- Boiling Point: -185.7 C
- Melting Point: -189.2 C
- Density: 1.784 Kg/M³
- Transport Package: Sea Transportation
- Specification: 10L 40L 47L 50L 200L
- Trademark: CMC
- Origin: Suzhou, China
- HS Code: 2804290000
- Supply Ability: 2000piece/Month
- CAS No.: 7440-37-1
- Formula: Ar
- EINECS: 231-147-0
- Constituent: Industrial Pure Air



Product Description

Product Description

Argon gas is an element that exists in a gaseous state at room temperature and is part of the noble gases group on the periodic table. It is denoted by the symbol "Ar" and has an atomic number of 18. Argon is odorless, colorless, and non-reactive, making it chemically inert. Argon is the third most abundant gas in the Earth's atmosphere, accounting for about 0.93% of the air. It is obtained by fractional distillation of liquid air and is widely used in various industrial applications. Some common uses of argon gas include:

Welding: Argon is commonly used as a shielding gas in welding processes such as TIG (Tungsten Inert Gas) welding and MIG (Metal Inert Gas) welding. It helps prevent oxidation and contamination of the weld zone.

Lighting: Argon is used in various types of lighting, including fluorescent lights, high-intensity discharge lamps, and incandescent lamps. It is often combined with other gases or vaporized metals to produce specific colors and effects.

Electronics: Argon is utilized in the production of semiconductors and other electronic components. It is used as a carrier gas for chemical vapor deposition (CVD) and as a protective atmosphere during the manufacturing process.

Scientific research: Argon is employed in analytical instruments, such as gas chromatography and mass spectrometry, as a carrier gas or as a medium for ionization.

Medical applications: Argon gas is sometimes used in medical procedures, such as cryosurgery, where it is used to freeze and destroy abnormal tissue.

These are just a few examples of the many applications of argon gas. Its inert properties and availability make it useful in various industries and scientific fields.

Basic Info.

Model NO.	Ar	Content	Content: 28tons
Industrial Grade	Industrial Grade	Tank Car	26m³
Purity	100.00%	Transport Package	Sea Transportation
Specification	Tank Car: 26m3; Content: : 28tons		Trademark CMC
Origin	suzhou	Production Capacity 5000piece/Month	

Product Parameters

Specification	Tank Car:26m³	Content: 28tons
Application	1. used as a protective gas for the production of high purity silicon and germanium crystals in the semiconductor industry; 2.used as inert gas for system cleaning, shielding and pressurization; 3. Be applied in chemical vapor deposition, sputtering, annealing and other processes. 4. used as chromatographic carrier gas, and can also be used as a dilution gas of gas mixture in large-scale integrated circuits.	

Detailed Photos



## 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: H<sub>2</sub>, O<sub>2</sub>, N<sub>2</sub>, Ar, CO<sub>2</sub>, propane, acetylene, helium, laser mixed gas, SiH<sub>4</sub>, SiH<sub>2</sub>Cl<sub>2</sub>, SiHCl<sub>3</sub>, SiCl<sub>4</sub>, NH<sub>3</sub>, CF<sub>4</sub>, NF<sub>3</sub>, SF<sub>6</sub>, HCL, N<sub>2</sub>O, doping mixed gas (TMB, PH<sub>3</sub>, B<sub>2</sub>H<sub>6</sub>) and other electronic gases.

SiCl <sub>4</sub>	NH <sub>3</sub>	NH <sub>3</sub>	CH <sub>3</sub> F	SiH <sub>4</sub>	Kr	H <sub>2</sub> S	WF <sub>6</sub>	F <sub>6</sub> +Cl <sub>2</sub>
4MS	C <sub>3</sub> F <sub>8</sub>	C <sub>3</sub> F <sub>8</sub>	TEOS	CH <sub>4</sub>	PH <sub>3</sub>	SF <sub>6</sub>	C <sub>2</sub>	HCl+Ne
CF <sub>4</sub>	C <sub>4</sub> F <sub>8</sub>	SiH <sub>2</sub>						TMB+H <sub>2</sub>
SiF <sub>4</sub>	C <sub>3</sub> H <sub>8</sub>	Cl <sub>2</sub>						He +As
BBr <sub>3</sub>	C <sub>3</sub> H <sub>6</sub>	DCE						Ge+Se
POCl <sub>3</sub>	N <sub>2</sub>	SO <sub>2</sub>						D+B
BCl <sub>3</sub>	D <sub>2</sub>	CO <sub>2</sub>						CO+NO
SiHCl <sub>3</sub>	CH <sub>2</sub> F <sub>2</sub>	HF						Ar+O <sub>2</sub>
TMAI	DMZn	DEZn						Xe+NO
AsH <sub>3</sub>	C <sub>2</sub> H <sub>4</sub>	C <sub>2</sub> H <sub>2</sub>	HBr	COS	Ar+O <sub>2</sub>			
GeH <sub>4</sub>	C <sub>2</sub> H <sub>6</sub>	B <sub>2</sub> H <sub>6</sub>	H <sub>2</sub> Se	GeCl <sub>4</sub>	Xe+NO			



## FAQ

1. Q: Are you a factory or a trading company?

A: We are a manufacture and trade integration company. Expert R&D department and sophisticated supply chain is our key of success.

2. Q: Are bulk orders and multiple product orders available?

A: Yes, we have a strong production supply system to make sure all of your requirements satisfied. One station product solution is our aim of service.

3. Q: What if I never imported this product before, how do I do it?

A: Don't worry. We have import and export experience with over 50 countries over the world, our fulfillment department will guide you every step of the process.

4. Q: What is the MOQ?

A: Different products have different min order. It's depends on the kind the gas and the cylinder specifications. Please feel free to contact with me directly for your requirement.

5. Q: Why choice us CMC ?

A: Stable Supply, Professional Solution, Reasonable Price, and Safety Business with our CMC.

6. Q: 3. How does your factory do the quality control?

A: We have standard quality control procedure.

a> In production, we have quality analysis system to make sure each step is qualified.

b> Before filling, we do the pre-treatment for the cylinders to clean well.

c> After filling, we will do 100% inspection analyze before delivery.

7. Q:Is it possible to ship by air?

A:Gases are classified into class 2.1, class 2.2 and class 2.3 which are inflammable gas, non-flammable gas and poisonous gas. According to regulation, inflammable gas and poisonous gas cannot be shipped by air, and only non-flammable gas can be transported by air. If the amount purchased is large, sea transportation is better.

8. Q:Can I customize the package?

A:Yes of course! The most regular package is cylinder. Its size, color, valve, design and other requirements can all be met.

9. Q: What is the package & storage details?

A:Seamless steel cylinder with different valves, or as to your requirement.

Stored in shady, cool, dry, ventilated warehouse, and keep away from sunlight and ramming.

10. More question.....

Feel free to contact us, you will get immediately reply.

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