



## Shielding And Insulating Argon Gas For Industrial And Medical Application

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



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## Product Description

### Product Description

Argon gas is a chemical element that belongs to the noble gases group on the periodic table. It is represented by the symbol "Ar" and has an atomic number of 18. Argon is a colorless, odorless, and tasteless gas that is found in small amounts in the Earth's atmosphere.

Argon is known for its inertness and is considered a noble gas because it tends not to react with other elements under normal conditions. It has a variety of industrial and scientific applications due to its unique properties. Some common uses of argon gas include:

**Welding:** Argon is commonly used as a shielding gas in various welding processes, such as Tungsten Inert Gas (TIG) welding and Gas Metal Arc Welding (GMAW). It helps protect the welding area from atmospheric contamination.

**Lighting:** Argon is often used in fluorescent lights, neon signs, and other gas-discharge lamps. When electrically charged, argon emits a faint blue-purple glow.

**Insulation:** Argon is sometimes used as an insulating gas in double-paned windows. Its low thermal conductivity helps reduce heat transfer through the windows, improving energy efficiency.

**Scientific research:** Argon is used in various scientific experiments and research applications. It can be used as a carrier gas in gas chromatography, as a blanketing gas in analytical instruments, and as a protective atmosphere for handling sensitive materials.

These are just a few examples of the many applications of argon gas. Its inert nature and unique properties make it suitable for various industrial, scientific, and technological purposes.

### 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
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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 Photo



## Company Profile

### About us



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			



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