



## China High Purity Cylinder Gas Tank HBR Hydrogen Bromide

Our Product Introduction

for more products please visit us on [gascylindertank.com](http://gascylindertank.com)

### Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: HBr
- Minimum Order Quantity: 1kg
- Price: US \$7000/kg
- Packaging Details: Cylinder/Tank
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 5000kg/month



### Product Specification

- Product Name: Hydrogen Bromide Gas
- Valve: Cga330
- Transport: By Sea
- Gas Purity: 99.999%
- Model No.: Hbr
- Transport Package: 10L /40L
- Specification: 10L /40L
- Trademark: CMC
- Origin: Suzhou
- HS Code: 281129900
- Supply Ability: 600t/Year
- CAS No.: 10035-10-6
- Formula: Hbr
- EINECS: 233-113-0
- Constituent: Industrial Pure Air



### More Images



## Product Description

# 5n HBR Specialty Gas Cylinder Hydrogen Bromide Gas Tank

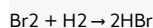
### Product Description

Hydrogen bromide (HBr) is a chemical compound composed of hydrogen and bromine. It is a colorless gas with a strong, irritating odor. Here are some key points about hydrogen bromide gas:

**Chemical Formula:** The chemical formula of hydrogen bromide is HBr, which indicates that it consists of one hydrogen atom (H) and one bromine atom (Br).

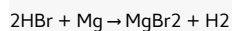
**Physical Properties:** Hydrogen bromide is a highly soluble gas in water, forming hydrobromic acid (HBr(aq)). It is denser than air, and its boiling point is -67.1°C (-88.78°F), while the melting point is -86.9°C (-124.42°F).

**Preparation:** Hydrogen bromide gas can be prepared by reacting bromine (Br<sub>2</sub>) with hydrogen (H<sub>2</sub>) in the presence of a catalyst, such as iron or platinum. The reaction is exothermic and typically carried out at elevated temperatures.



**Acidic Nature:** Hydrogen bromide is a strong acid when dissolved in water, forming hydrobromic acid. It dissociates completely, releasing H<sup>+</sup> ions. Hydrobromic acid is corrosive and can cause burns. It is used in various industrial applications, including the production of pharmaceuticals, dyes, and organic compounds.

**Reactivity:** Hydrogen bromide is highly reactive and can participate in various chemical reactions. It can react with metals, forming bromide salts and releasing hydrogen gas. For example:



It can also react with alkenes to form alkyl bromides through an addition reaction.

**Safety Considerations:** Hydrogen bromide gas is toxic and corrosive. It can cause severe burns if inhaled, ingested, or in contact with the skin or eyes. Proper precautions, such as using appropriate personal protective equipment (PPE) and working in a well-ventilated area, should be taken when handling hydrogen bromide.

It's important to note that handling and working with hydrogen bromide gas should be done by trained professionals in a controlled laboratory or industrial setting.

### Basic Info.

Model No:	HBr	Transport Package	Cylinder
Specification:	10L/47L	Trademark	CMC
Origin:	Suzhou	HS Code	2811299000
Production Capacity: 600t/Year			

### Product Specification

Product name	Hydrogen bromide
Type	HBr
Purity	n5.0
Cylinder Spec	10L / 47L
Fill contents (20°C)	10kg / 50kg
Fill pressure (20°C, -5%)	23 bar
Valve type	DISS 634
Applications	Semiconductor: gas phase etching gas.

### Detailed Photos







## 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>	Xe+NO		
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>				



#### Our Advantages

1. Fast delivery;
2. Stable raw material source;
3. On-line analysis system for quality control in every step;
4. High requirement and meticulous process for handling cylinder before filling;

Our carbon monoxide have been exported to many countries like India, Pakistan, Malaysia, Indonesia, Australia, Singapore, Maldives and Ecuador.

Since the establishment of our company, it has received universal praise by virtue of good reputation, high quality and perfect after service.

#### 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. What is the MOQ?

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 Kemike Gas ?

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

##### 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



**Shanghai Kemike Chemical Co.,Ltd**



+86 18762990415



[williamchen@cmc-chemical.com](mailto:williamchen@cmc-chemical.com)



[gascylindertank.com](http://gascylindertank.com)