China Factory good quality cylinder gas best price HBR Hydrogen Bromide

Our Product Introduction

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

for more products please visit us on gascylindertank.com

Our Product Introduction

for more products please visit us on gascylindertank.com

Product Description

China Factory good quality cylinder gas best price HBR Hydrogen Bromide

Hydrogen bromide gas, often represented as HBr(g), is a chemical compound consisting of hydrogen (H) and bromine (Br). It is a colorless gas with a pungent odor. Here are some key points about hydrogen bromide gas:

1. Formation: Hydrogen bromide gas can be formed by the direct combination of hydrogen gas (H_2) and bromine gas (Br_2) under suitable conditions. The reaction is exothermic and typically requires the presence of a catalyst such as iron or platinum.
$H_2(g) + Br_2(g) \rightarrow 2HBr(g)$
2. Solubility: Hydrogen bromide gas is highly soluble in water, and it forms hydrobromic acid (HBr) when dissolved. The resulting solution is a strong acid and is commonly used in various chemical reactions and industrial processes.
3. Acidic properties: Hydrogen bromide is an acidic gas, meaning it can donate a proton (H^+) when dissolved in water. Hydrobromic acid, formed by the dissolution of HBr in water, is a strong acid and dissociates completely, releasing hydrogen ions (H^+) and bromide ions (Br^-).
$HBr(g) + H_2O(l) \rightarrow H_3O^+(aq) + Br^-(aq)$
4. Reactivity: Hydrogen bromide gas is a reactive compound. It can react with various substances, including metals, bases, and alkalis, to form different compounds. For example, it reacts with metals to produce bromides and hydrogen gas:
$2HBr(g) + Mg(s) \rightarrow MgBr_2(s) + H_2(g)$
5. Uses: Hydrogen bromide gas and its derivatives have several applications. It is used in organic synthesis, particularly in the production of pharmaceuticals, dyes, and perfumes. Hydrobromic acid is also used in the manufacture of inorganic bromides, as a catalyst, and in the purification of certain gases.
6. Safety precautions: Hydrogen bromide gas is corrosive and can cause severe burns. It is toxic if inhaled or ingested, and exposure to high concentrations should be avoided. Proper safety measures, such as adequate ventilation and protective equipment, should be used when handling or working with hydrogen bromide gas or its solutions.
It's important to note that working with hydrogen bromide gas requires specialized knowledge and proper safety protocols. If you have any specific questions or concerns about hydrogen bromide gas or its applications, it is recommended to consult with experts or refer to appropriate reference materials.

Basic Info.

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

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

Detailed Photos

HBr
HBr

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.

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 gascylindertank.com