



## 150-200 M2/g Surface Area 3.5MPa C2 Selective Hydrogenation Catalyst 80% Selectivity

Our Product Introduction

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### Basic Information

- Place of Origin: CHINA
- Brand Name: C2 Selective Hydrogenation Catalyst
- Model Number: KMH-02



### Product Specification

- Industry: Chemical Industry
- Support Material: Alumina
- Surface Area: 150-200 M2/g
- Shape: Spherical
- Selectivity: 80%
- Operating Temperature: 60-100°C
- Application: Selective Hydrogenation Of C2
- Pressure: 3.5MPa
- Highlight: 3.5mpa c2 selective hydrogenation catalyst,  
3.5mpa c2 hydrogenation catalyst,  
selective c2 hydrogenation catalyst

## Product Description

### Product Description:

The C2 Selective Hydrogenation Catalyst has a pore volume of 0.85-0.95 Cm<sup>3</sup>/g. This means that it has enough pore space for reactants to diffuse inside the catalyst, which is critical for the success of hydrogenation reactions. The pore volume also ensures that the catalyst has a high surface area, which is crucial for enhancing the reaction rate.

The selectivity of the C2 Selective Hydrogenation Catalyst is 80%. This is a testament to the efficiency of this catalyst in post-hydrogenation processes. Selectivity refers to the ability of a catalyst to promote the desired reaction while minimizing the formation of undesired by-products. In this case, the C2 Selective Hydrogenation Catalyst ensures that the hydrogenation process is highly selective and efficient.

Our C2 Selective Hydrogenation Catalyst is designed for the chemical industry, especially in post-hydrogenation processes. The chemical industry is known for its complex reactions that require highly efficient catalysts. With the C2 Selective Hydrogenation Catalyst, you can be sure that your post-hydrogenation processes will run smoothly and efficiently.

The C2 Selective Hydrogenation Catalyst can operate at a pressure of 3.5MPa. This is a high-pressure range that ensures that the catalyst can handle a wide range of chemical reactions. The high pressure also means that the catalyst can be used in various applications that require post-hydrogenation processes.

In summary, the C2 Selective Hydrogenation Catalyst is the perfect solution for post-hydrogenation processes in the chemical industry. With Palladium as the active metal, a pore volume of 0.85-0.95 Cm<sup>3</sup>/g, a selectivity of 80%, and the ability to operate at a pressure of 3.5MPa, it is a highly efficient catalyst that guarantees the success of your post-hydrogenation processes.

### Technical Parameters:

Operating Temperature	60-100°C
Industry	Chemical Industry
Support Material	Alumina
Application	Selective Hydrogenation Of C2
Reusability	Yes
Surface Area	150-200 M2/g
Shape	Spherical
Pressure	3.5MPa
Selectivity	80%
Particle Size	3-4.5 Mm

This C2 Selective Hydrogenation Catalyst product is ideal for post-hydrogenation and C2 hydrogenation applications in the Chemical Industry.

### Applications:

The C2 Selective Hydrogenation Catalyst is suitable for various industrial applications. One of the primary application scenarios is C2 hydrogenation, which is essential in the petrochemical industry. The catalyst can help to control the hydrogenation process to produce a wide range of products, including ethylene, propylene, butadiene, and hexene. This makes it an ideal catalyst for companies in the petrochemical industry that require high-quality products.

Another application scenario for the C2 Selective Hydrogenation Catalyst is front-hydrogenation. This is a process used to convert acetylene to ethylene, which is a vital component in the production of plastics, synthetic fibers, and other materials. The use of this catalyst in front-hydrogenation ensures high selectivity, which is essential in the production of high-quality products.

The C2 Selective Hydrogenation Catalyst is a versatile product that is suitable for various industrial applications. Its high surface area and operating temperature range make it ideal for use in different settings, including refineries, chemical plants, and other industrial facilities. The product is easy to use and handle, making it an excellent choice for companies that require a reliable and efficient catalyst.

### Customization:

Product Customization Services for the C2 Selective Hydrogenation Catalyst:

Brand Name: C2 Selective Hydrogenation Catalyst

Model Number: KMH-02

Place of Origin: CHINA

Particle Size: 3-4.5 Mm

Shape: Spherical

Reusability: Yes

Pore Volume: 0.85-0.95 Cm<sup>3</sup>/g

Active Metal: Palladium

Our C2 Selective Hydrogenation Catalyst is perfect for front-hydrogenation applications. Contact us for customizations to meet your specific needs.

## Support and Services:

The C2 Selective Hydrogenation Catalyst is a high-performance catalyst designed for the selective hydrogenation of acetylene to ethylene in ethylene streams. The catalyst features high selectivity, long life, and excellent stability under varying conditions.

Our product technical support and services for the C2 Selective Hydrogenation Catalyst include:

Technical consultation and support from our experienced team of engineers and scientists

Customized catalyst design and optimization services to meet specific process requirements

On-site catalyst performance evaluation and troubleshooting services

Training and education services to ensure optimal catalyst performance and process efficiency

Continuous catalyst monitoring and maintenance services to ensure maximum catalyst performance and life

## Packing and Shipping:

Product Packaging:

1 kg plastic bottles

10 kg plastic pails

25 kg fiber drums

Shipping:

Ships in UN-approved fiber drums or plastic pails

Stored and transported at room temperature

Shipped via ground or air transport

Properly labeled and packaged for safe transportation



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