



## Top C2 Selective Hydrogenation Catalyst 80% Selectivity Pore Volume Of 0.85-0.95 Cm<sup>3</sup>/g On Alumina Support Material

Our Product Introduction

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

### Basic Information

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



### Product Specification

- Surface Area: 150-200 M<sup>2</sup>/g
- Industry: Chemical Industry
- Pressure: 3.5MPa
- Selectivity: 80%
- Application: Selective Hydrogenation Of C2
- Operating Temperature: 60-100°C
- Reusability: Yes
- Particle Size: 3-4.5 Mm
- Highlight: **80% Selectivity C2 Selective Hydrogenation Catalyst**  
**, 80% selective hydrogenation catalyst,**  
**Alumina Support selective hydrogenation catalyst**

## Product Description

### Product Description:

The C2 Selective Hydrogenation Catalyst is a specialized catalyst tailored for front-hydrogenation processes, providing outstanding performance in the selective hydrogenation of C2 compounds. It operates efficiently within a temperature range of 60-100°C, making it suitable for controlled reactions across various industrial applications.

Boasting a high surface area of 150-200 m<sup>2</sup>/g, the C2 Selective Hydrogenation Catalyst offers an extensive active surface for catalytic reactions, which enhances both catalytic activity and overall efficiency. The active metal component is Palladium, a widely recognized catalyst material known for its exceptional catalytic properties and high selectivity in hydrogenation processes.

This catalyst is supported on Alumina, a stable and dependable material that ensures excellent thermal stability and mechanical strength, contributing to long-lasting performance under demanding conditions. The combination of Palladium as the active metal and Alumina as the support creates a synergistic system that provides superior selectivity and efficiency in C2 hydrogenation.

A significant advantage of the C2 Selective Hydrogenation Catalyst is its remarkable selectivity, achieving a rate of 80% in front-hydrogenation reactions. This high selectivity ensures the catalyst effectively targets and converts C2 compounds while minimizing the formation of unwanted byproducts, thus enhancing overall process efficiency and product quality.

In conclusion, the C2 Selective Hydrogenation Catalyst is a high-performance solution designed for front-hydrogenation applications. It offers precise control, exceptional selectivity, and improved efficiency in the selective hydrogenation of C2 compounds. With its optimal operating temperature range, high surface area, Palladium as the active metal, Alumina support material, and notable selectivity rate, this catalyst is a reliable choice for a variety of industrial hydrogenation processes.

### Features:

**Product Name:** C2 Selective Hydrogenation Catalyst

**Reusability:** Yes

**Industry:** Chemical Industry

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

**Shape:** Spherical

**Selectivity:** 80%

### Technical Parameters:

Active Metal	Palladium
Operating Temperature	60-100°C
Support Material	Alumina
Particle Size	3-4.5 mm
Pore Volume	0.85-0.95 cm <sup>3</sup> /g
Shape	Spherical
Reusability	Yes
Industry	Chemical Industry
Application	Selective Hydrogenation Of C2
Surface Area	150-200 m <sup>2</sup> /g

### Applications:

The C2 Selective Hydrogenation Catalyst (Model: KMH-02) is a specialized product designed for post-hydrogenation processes, offering exceptional performance in a variety of applications. With a pore volume ranging from 0.85 to 0.95 cm<sup>3</sup>/g, this catalyst from CHINA provides excellent efficiency in hydrogenation reactions under high pressures, specifically at 3.5MPa.

One of the standout features of this catalyst is its impressive selectivity of 80%, ensuring that the desired hydrogenation reactions take place efficiently and effectively. The surface area of 150-200 m<sup>2</sup>/g further enhances its catalytic capabilities, allowing for optimal interaction with reactants.

At the heart of the C2 Selective Hydrogenation Catalyst lies the active metal Palladium, known for its catalytic properties in various chemical reactions. This ensures a high level of reactivity and selectivity in hydrogenation processes, making it a reliable choice for industrial applications.

With its origin in CHINA, this catalyst is suitable for a wide range of occasions and scenarios where hydrogenation plays a crucial role in the production process. Whether it is in the pharmaceutical, petrochemical, or food industry, the C2 Selective Hydrogenation Catalyst excels in delivering consistent and high-quality results.

From refining processes to the production of fine chemicals, this catalyst proves to be a versatile and indispensable tool for achieving the desired post-hydrogenation transformations. Its robust design and reliable performance make it a preferred choice for manufacturers looking to optimize their hydrogenation processes.

### Customization:

Product Customization Services for the C2 Selective Hydrogenation Catalyst: -----

Brand Name: C2 Selective Hydrogenation Catalyst

Model Number: KMH-02

Place of Origin: CHINA

Shape: Spherical

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

Active Metal: Palladium

Reusability: Yes

Operating Temperature: 60-100°C

Customization options available for post-hydrogenation, Front-hydrogenation, and Front-hydrogenation.

## Packing and Shipping:

Product: C2 Selective Hydrogenation Catalyst

Description: Our C2 Selective Hydrogenation Catalyst is a high-quality catalyst designed for efficient and precise hydrogenation reactions.

Package Contents: Each package contains 1 bottle of C2 Selective Hydrogenation Catalyst.

Storage: Store in a cool, dry place away from direct sunlight.

Shipping: We will carefully pack and ship your order to ensure it arrives safely and in optimal condition.

## FAQ:

**Q: What is the brand name of this catalyst product?** -----

A: The brand name is C2 Selective Hydrogenation Catalyst.

**Q: What is the model number of this catalyst product?**

A: The model number is KMH-02.

**Q: Where is this catalyst product manufactured?**

A: This catalyst is manufactured in China.

**Q: What is the primary function of the C2 Selective Hydrogenation Catalyst?**

A: The primary function of this catalyst is to selectively hydrogenate C2 compounds in various chemical processes.

**Q: Is the C2 Selective Hydrogenation Catalyst suitable for industrial-scale applications?**

A: Yes, this catalyst is suitable for industrial-scale applications due to its efficiency and reliability.



**Qingdao Junyao Catalyst New Material Technology Co., Ltd.**



+8618254266810



jycat@qdjunyao.com.cn



jyalumcatalyst.com