



## Surface Area C3 Selective Hydrogenation Catalyst with Excellent Stability Supported Metal Catalyst

Our Product Introduction

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### Basic Information

- Place of Origin: CHINA
- Brand Name: C3 Selective Hydrogenation Catalyst
- Model Number: KMH-03



### Product Specification

- Surface Area: High Surface Area For Efficient Catalytic Activity
- Pore Size: Uniform Pore Size Distribution
- Stability: Excellent Stability Under Harsh Conditions
- Particle Size: Narrow Particle Size Distribution
- Operating Temperature: 30-35°C
- Support Material: Aluminum Oxide (Al<sub>2</sub>O<sub>3</sub>)
- Application: Selective Hydrogenation Of C3 Hydrocarbons
- Catalyst Type: Supported Metal Catalyst
- Highlight: **c3 metal catalyst, stability metal catalyst, stability c3 selective hydrogenation catalyst**

## Product Description

### Product Description:

Operating at a temperature range of 30-35°C, this catalyst is optimized for C3 hydrogenation, providing high activity and selectivity in a range of applications.

The support material used in this catalyst is aluminum oxide (Al<sub>2</sub>O<sub>3</sub>), which offers excellent stability under harsh conditions, ensuring a long and reliable lifespan.

Whether you are looking to improve your MAPD or MAPD+ process efficiency or seeking a reliable solution for your C3 hydrogenation needs, our selective hydrogenation catalyst is the perfect choice. With its high activity and excellent stability, it is sure to exceed your expectations.

### Features:

Product Name: C3 Selective Hydrogenation Catalyst

Pore Size: Uniform Pore Size Distribution

Surface Area: High Surface Area For Efficient Catalytic Activity

Application: Selective Hydrogenation Of C3 Hydrocarbons

Catalyst Type: Supported Metal Catalyst

Active Metal: Palladium (Pd)

Key Benefits:

Selective Hydrogenation for propene selectivity

Efficient catalyst for selective hydrogenation

### Technical Parameters:

|                       |  |
|-----------------------|--|
| Shape                 | Spherical  |
| Selectivity           | High Selectivity C3 Hydrogenation                  |
| Application           | Selective Hydrogenation Of C3 Hydrocarbons         |
| Pore Size             | Uniform Pore Size Distribution                     |
| Support Material      | Aluminum Oxide (Al <sub>2</sub> O <sub>3</sub> )   |
| Activity              | High Activity For C3 Hydrogenation                 |
| Operating Temperature | 30-35°C  |
| Surface Area          | High Surface Area For Efficient Catalytic Activity |
| Catalyst Type         | Supported Metal Catalyst                           |
| Particle Size         | Narrow Particle Size Distribution                  |

This product is a C3 selective hydrogenation catalyst with high selectivity for propene. It is designed specifically for the selective hydrogenation of C3 hydrocarbons, and its uniform pore size distribution and high surface area ensure efficient catalytic activity. The catalyst is a supported metal catalyst with a spherical shape and narrow particle size distribution. It is composed of aluminum oxide (Al<sub>2</sub>O<sub>3</sub>) as the support material and operates at a temperature of 30-35°C.

### Applications:

The catalyst's operating temperature ranges from 30-35°C, making it ideal for use in various industrial processes. Its high propene selectivity allows for the efficient conversion of C3 hydrocarbons into valuable propene products.

The C3 Selective Hydrogenation Catalyst is suitable for use in a variety of application occasions and scenarios. It is commonly used in refineries, petrochemical plants, and other manufacturing facilities that require the selective hydrogenation of C3 hydrocarbons.

One common application scenario for this catalyst is in the production of propene. The C3 Selective Hydrogenation Catalyst enables the efficient conversion of C3 hydrocarbons into propene while minimizing the production of unwanted byproducts. This allows for the production of high-quality propene products that meet industry standards.

Another application scenario is in the removal of impurities from C3 hydrocarbons. The C3 Selective Hydrogenation Catalyst can selectively hydrogenate impurities such as acetylenes and dienes, resulting in a cleaner and higher quality product.

The C3 Selective Hydrogenation Catalyst's excellent stability under harsh conditions makes it ideal for use in various industrial processes. Its uniform pore size distribution ensures consistent performance and reliability, while its high propene selectivity allows for maximum efficiency and yield.

### Customization:

Customize your C3 Selective Hydrogenation Catalyst KMH-03 to meet your specific needs with our product customization services. Our catalyst, made in CHINA, is known for its high activity for C3 hydrogenation, narrow particle size distribution, and spherical shape.

With our regenerability feature, the catalyst can be regenerated multiple times without significant loss of activity. This makes it a cost-effective solution for your selective hydrogenation of C3 hydrocarbons needs.

Our customization services can help you achieve the desired propene selectivity, making it an ideal solution for your MAPD process. Contact us today to discuss your specific requirements.

### **Packing and Shipping:**

#### **Product Packaging:**

The C3 Selective Hydrogenation Catalyst product is packaged in a sturdy, tamper-proof container to ensure product safety during transportation and storage. The container is labeled with product information, including the product name, batch number, manufacturing date, and expiration date. The container is also sealed with a tamper-proof seal to guarantee the product's authenticity.

#### **Shipping:**

The C3 Selective Hydrogenation Catalyst product is shipped in compliance with all applicable regulations and guidelines. The product is packaged in a secure container and transported by a reputable carrier to ensure safe and timely delivery. Shipping documentation, including the product name, batch number, and manufacturing date, is included with each shipment.



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