



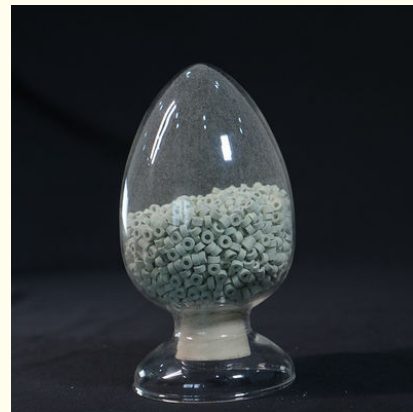
## 30-80 \u00c5 Pores Pd/Pt/Ni Powder Hydrogenation Catalysts Withstand 1-10 MPa Pressure

Our Product Introduction

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### Basic Information

- Place of Origin: CHINA
- Brand Name: C4/C5 Hydrogenation Catalyst
- Model Number: KMH-04/05



### Product Specification

- Pore Diameter: 30-80 Å
- Operating Pressure: 1-10 MPa
- Active Component Loading:  $\geq 2$  Wt%
- Support Material: Alumina Or Silica-alumina
- Pore Volume:  $\geq 0.35$  ML/g
- Particle Size: 1.5-3.0 Mm
- Catalyst Lifespan:  $\geq 3$  Years
- Active Component: Pd, Pt, Ni, Or Co
- Highlight: **pd metal catalyst,**  
**pd c4/c5 hydrogenation catalyst,**  
**pt metal catalyst**

## Product Description

### Product Description:

The active components of our catalyst include Pd, Pt, Ni, or Co, which have been specially selected for their superior hydrogenation properties. Our catalyst product offers exceptional hydrogenation selectivity, with a minimum selectivity of 95%. This ensures maximum efficiency in your hydrogenation process and helps to reduce waste and optimize yield.

Our C4/C5 Hydrogenation Catalyst has also been designed with longevity in mind. With a lifespan of at least three years, you can be confident that our catalyst product will provide reliable and consistent performance over a long period of time. This also helps to reduce the frequency of catalyst replacements, which can save you both time and money in the long run.

If you're looking for a high-quality hydrogenation catalyst that can help you recover butene from alkyne, our C4/C5 Hydrogenation Catalyst is the perfect choice. With its superior hydrogenation selectivity, active components, and long lifespan, our catalyst product is the ideal solution for all your hydrogenation needs.

### Technical Parameters:

C4/C5 Hydrogenation Catalyst	
Hydrogenation Selectivity	≥ 95%
Catalyst Lifespan	≥ 3 Years
Support Material	Alumina or Silica-alumina
Pore Diameter	30-80 Å
Support Material Content	≥ 90 Wt%
Surface Area	≥ 150 M2/g
Operating Pressure	1-10 MPa
Particle Size	1.5-3.0 mm
Active Component	Pd, Pt, Ni, or Co
Bulk Density	0.65-0.75 g/cm3

### Applications:

The C4/C5 Hydrogenation Catalyst has a long lifespan of at least 3 years, making it a cost-effective option for many industries.

Additionally, its high surface area of at least 150 M2/g ensures that it can effectively catalyze the hydrogenation reactions. The support material used for this catalyst is either alumina or silica-alumina, with a support material content of at least 90 wt%. These materials provide excellent structural support and help to maintain the catalyst's stability over time.

One of the key benefits of using the C4/C5 Hydrogenation Catalyst is its high hydrogenation selectivity of at least 95%. This means that the catalyst can selectively saturate the double bonds in the target hydrocarbons, while avoiding unwanted side reactions. This results in a higher yield of the desired product, with a reduced formation of by-products.

The C4/C5 Hydrogenation Catalyst finds application in various occasions and scenarios. It is commonly used in the production of gasoline, as well as in the manufacturing of synthetic rubber, synthetic fibers, and other petrochemical products. It is also used in the food industry, specifically for the hydrogenation of vegetable oils to produce margarine and other solid fats. Additionally, this catalyst can be used in the production of surfactants, lubricants, and other specialty chemicals.

Overall, the C4/C5 Hydrogenation Catalyst is a reliable and effective catalyst for various hydrogenation reactions. Its high hydrogenation selectivity, long lifespan, and excellent support material make it a popular choice for many industries.

### Customization:

Our Product Customization Services for the C4/C5 Hydrogenation Catalyst product, model number KMH-04/05:

Brand Name: C4/C5 Hydrogenation Catalyst

Model Number: KMH-04/05

Place of Origin: CHINA

Pore Diameter: 30-80 Å

Appearance: Gray Or Black Cylindrical Particles

Support Material Content: ≥ 90 Wt%

Operating Pressure: 1-10 MPa

Catalyst Lifespan: ≥ 3 Years

Our C4/C5 Hydrogenation Catalyst product is a high-quality saturation hydrogenation catalyst that can effectively remove butadiene from your process stream. With our product customization services, we can tailor the catalyst to your specific needs, ensuring the best performance and longevity for your system.

### Support and Services:

The C4/C5 Hydrogenation Catalyst product provides technical support and services to ensure optimal performance and longevity of the

catalyst. Our team of experts can assist with catalyst selection, process optimization, troubleshooting, and catalyst regeneration. Additionally, we offer training and educational resources to help our customers maximize the benefits of using our catalyst product. Contact us to learn more about how our technical support and services can benefit your operation.

## **Packing and Shipping:**

### **Product Packaging:**

The C4/C5 Hydrogenation Catalyst product is packaged in a 25kg sealed metal drum.

The drum is marked with the product name, batch number, and production date for easy identification.

The drum is then placed in a sturdy cardboard box for added protection during shipping.

### **Shipping:**

The product is shipped via air or sea freight, depending on the customer's preference and location.

All shipments are properly labeled with appropriate hazmat information for safe transportation.

Shipping documents, including packing lists and invoices, are provided to the customer in advance.

Delivery times vary depending on the destination, but customers can expect timely and reliable service.



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