



3-4.5 Mm Palladium Chemical Catalyst for Selective Hydrogenation 0.85-0.95 Cm³/g

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

- Active Metal: Palladium
- Particle Size: 3-4.5 Mm
- Industry: Chemical Industry
- Pressure: 3.5MPa
- Support Material: Alumina
- Pore Volume: 0.85-0.95 Cm³/g
- Surface Area: 150-200 M²/g
- Selectivity: 80%
- Highlight: **palladium chemical catalyst,
palladium selective hydrogenation,
chemical selective hydrogenation**

Product Description

Product Description:

Our C2 hydrogenation catalyst is designed to operate at a pressure of 3.5MPa, ensuring optimal results for your hydrogenation process. With a particle size of 3-4.5mm, this catalyst is ideal for use in a variety of applications, providing versatility and flexibility to your operations.

The support material used in our C2 selective hydrogenation catalyst is alumina, which offers superior stability, durability, and resistance to thermal shock. This support material contributes to the long lifespan of our catalyst, ensuring that you get the most out of your investment.

Our C2 hydrogenation catalyst is designed specifically for use in the chemical industry, where post-hydrogenation is a common process. This catalyst is ideal for use in a variety of chemical applications, providing consistent, reliable results every time.

With our C2 selective hydrogenation catalyst, you can expect exceptional performance, efficiency, and reliability. Whether you are looking to improve your post-hydrogenation process or optimize your chemical operations, this catalyst is the perfect solution for your needs.

Technical Parameters:

C2 Hydrogenation Catalyst	
Reusability	Yes
Surface Area	150-200 M2/g
Shape	Spherical
Support Material	Alumina
Selectivity	80%
Pressure	3.5MPa
Operating Temperature	60-100°C
Particle Size	3-4.5 mm
Pore Volume	0.85-0.95 cm3/g
Industry	Chemical Industry

Applications:

This catalyst is ideal for front-hydrogenation, selective hydrogenation, and other processes that require high pressure and active metal, such as palladium. Its surface area of 150-200 M2/g allows for efficient and effective catalytic reactions, while its particle size of 3-4.5 mm makes it easy to handle and use.

The C2 Selective Hydrogenation Catalyst can be used in the petrochemical industry for refining and purifying crude oil. It is also suitable for the production of hydrogen gas and for the hydrogenation of unsaturated hydrocarbons, such as butadiene and acetylene. The catalyst is also useful for the production of fine chemicals and pharmaceuticals, as well as in the food industry.

With a pressure of 3.5MPa, this catalyst can handle high-pressure reactions and is suitable for use in industrial-scale reactors. Its reusability feature allows for multiple cycles of use, making it an economical choice for industrial processes.

In conclusion, the C2 Selective Hydrogenation Catalyst is a versatile and effective catalyst that can be used in a variety of applications and scenarios. Its high-pressure tolerance, active metal, and reusability features make it a cost-effective solution for industrial processes.

Customization:

Our product, the **C2 Selective Hydrogenation Catalyst**, model number **KMH-02**, is manufactured in **China** and contains active metal **Palladium**. With a selectivity of **80%**, our catalyst is perfect for post-hydrogenation processes. Its particle size ranges from **3-4.5 mm** and has a pore volume of **0.85-0.95 cm3/g**. Additionally, our catalyst is fully reusable, making it a cost-effective solution for your selective hydrogenation needs.

Support and Services:

Our technical support team is available to provide assistance with catalyst selection, process optimization, and troubleshooting. We also offer comprehensive catalyst testing and evaluation services to ensure optimal catalyst performance in your specific application.

In addition, we offer a variety of after-sales services, including catalyst regeneration and recycling, catalyst supply management, and catalyst inventory management. Our team of experts is committed to providing the highest level of support and service to ensure your success.

Packing and Shipping:

Product Packaging:

The C2 Selective Hydrogenation Catalyst product is packaged in a sealed, tamper-proof container to ensure product safety and quality. The container is made of high-quality materials to prevent damage or contamination during transportation and storage.

The container is labeled with the product name, batch number, and expiration date for easy identification and tracking.

Shipping:

The C2 Selective Hydrogenation Catalyst product is shipped in accordance with all applicable regulations and guidelines.

The product is carefully packaged to prevent damage during transport.

All shipments are accompanied by the necessary documentation, including a packing slip and bill of lading.

Shipping options include ground, air, and sea transportation, depending on the destination and urgency of the order.



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