



60-100°C Reusable Hydrogenation Catalyst H2 150-200 M2/G Surface Area

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

- Reusability: Yes
- Support Material: Alumina
- Operating Temperature: 60-100°C
- Selectivity: 80%
- Surface Area: 150-200 M2/g
- Particle Size: 3-4.5 Mm
- Shape: Spherical
- Pore Volume: 0.85-0.95 Cm3/g
- Highlight: reusable hydrogenation catalyst,
100°C catalyst h2, 100°C hydrogenation catalyst

Product Description

Product Description:

The particle size of the C2 Selective Hydrogenation Catalyst ranges from 3 to 4.5 mm, which is perfect for a wide range of chemical reactions. The larger particle size allows for lower pressure requirements, making it an ideal choice for applications that require a pressure of 3.5MPa or lower. This makes it a highly versatile catalyst that can be used for a wide range of post-hydrogenation processes.

The C2 Selective Hydrogenation Catalyst is designed specifically for the chemical industry, where it has earned a reputation for delivering high-quality results consistently. Its exceptional selectivity and surface area make it an ideal choice for post-hydrogenation processes, where it can help to achieve the desired yield of the final product. This catalyst is a cost-effective solution that has a proven track record of delivering reliable results.

In conclusion, the C2 Selective Hydrogenation Catalyst is a highly effective solution for the chemical industry, thanks to its exceptional selectivity and surface area. Its larger particle size makes it ideal for applications that require lower pressure requirements, while its impressive selectivity rate makes it an ideal choice for post-hydrogenation processes. This catalyst is a cost-effective solution that has a proven track record of delivering reliable results consistently.

Technical Parameters:

Reusability	Yes
Support Material	Alumina
Selectivity	80%
Pressure	3.5MPa
Pore Volume	0.85-0.95 Cm3/g
Particle Size	3-4.5 Mm
Application	C2 Selective Hydrogenation
Surface Area	150-200 M2/g
Industry	Chemical Industry
Active Metal	Palladium

Applications:

The C2 Selective Hydrogenation Catalyst is perfect for front-hydrogenation, which is the process of selectively hydrogenating unsaturated hydrocarbons in the feed stream before entering a reactor. This helps to maintain the activity and selectivity of the reactor, ensuring that it performs optimally. Additionally, the catalyst is suitable for C2 hydrogenation, which is the process of selectively hydrogenating C2 molecules to produce ethylene and ethane.

Another application of the C2 Selective Hydrogenation Catalyst is post-hydrogenation. This process involves selectively hydrogenating the remaining unsaturated hydrocarbons in the product stream after exiting the reactor. This ensures that the final product meets the desired specifications and is free from impurities.

The C2 Selective Hydrogenation Catalyst has a surface area of 150-200 M2/g, which provides excellent contact between the catalyst and the reactants. This results in a more efficient and effective reaction process, ultimately leading to increased productivity and cost savings. In summary, the C2 Selective Hydrogenation Catalyst is a versatile product suitable for various industrial applications, including front-hydrogenation, C2 hydrogenation, and post-hydrogenation. Its high selectivity and pressure rating make it an effective tool for maintaining reactor activity and selectivity. The catalyst's surface area ensures excellent contact between the catalyst and reactants, leading to increased productivity and cost savings.

Customization:

Brand Name: C2 Selective Hydrogenation Catalyst

Model Number: KMH-02

Place of Origin: CHINA

Selectivity: 80% for effective hydrogenation of specific C2 components

Operating Temperature: 60-100°C for optimal performance

Shape: Spherical for easy handling and efficient flow

Active Metal: Palladium for high selectivity and stability

Surface Area: 150-200 M2/g for enhanced catalytic activity

Our Hydrogenation Catalyst is designed to provide selective hydrogenation of C2 components in a wide range of operating conditions. We offer customized solutions to meet your specific requirements and improve your process efficiency. Contact us to learn more about our Selective Hydrogenation services.

Support and Services:

The C2 Selective Hydrogenation Catalyst product offers the following technical support and services:

Expert technical consultation and troubleshooting
Customized catalyst formulation to meet specific customer requirements
On-site catalyst testing and optimization
Continuous catalyst monitoring and maintenance
Training and education on catalyst handling and best practices

Packing and Shipping:

Product Packaging:

The C2 Selective Hydrogenation Catalyst product is packaged in a 1 kg sealed aluminum bag.

The bag is then placed in a sturdy cardboard box with appropriate cushioning material.

The product label, safety data sheet, and handling instructions are included in the package.

Shipping:

The product is shipped in accordance with all applicable regulations for the transportation of hazardous goods.

The package is labeled with all necessary hazard warnings and information.

The shipping box is clearly marked with the product name and quantity.



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