



80% Selectivity Reusable Hydrogenation Catalyst For Chemical Industry

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

- Selectivity: 80%
- Surface Area: 150-200 M2/g
- Reusability: Yes
- Industry: Chemical Industry
- Shape: Spherical
- Application: Selective Hydrogenation Of C2
- Pore Volume: 0.85-0.95 Cm3/g
- Active Metal: Palladium
- Highlight: reusable hydrogenation catalyst,
selectivity hydrocracking catalyst,
selectivity hydrogenation catalyst

Product Description

Product Description:

The catalyst has a particle size of 3-4.5 mm and a surface area of 150-200 m²/g, making it highly efficient in catalyzing chemical reactions. Its spherical shape ensures uniform packing and distribution, allowing for optimal contact with the reactants.

The active metal in this hydrogenation catalyst is palladium, which has excellent catalytic properties. Palladium is known for its ability to selectively hydrogenate alkynes and alkenes. This feature makes it an ideal catalyst for the selective hydrogenation of C2 acetylenes to olefins.

The C2 Selective Hydrogenation Catalyst is widely used in the chemical industry for various applications, including the production of polymers, plastics, and synthetic fibers. It is also used in the production of fine chemicals, such as pharmaceuticals and agrochemicals. The selective hydrogenation process using this catalyst is highly efficient, with a high yield of the desired product and minimal production of by-products. This makes it a cost-effective and environmentally friendly option for the chemical industry.

In summary, the C2 Selective Hydrogenation Catalyst is a high-performance hydrogenation catalyst designed for the chemical industry. Its particle size, surface area, and active metal make it highly efficient in selectively hydrogenating C2 acetylenes to olefins with minimal production of by-products. Its spherical shape ensures uniform packing and distribution, allowing for optimal contact with the reactants. It is widely used in the production of polymers, plastics, synthetic fibers, and fine chemicals. Choose this hydrogenation catalyst for a cost-effective and environmentally friendly option in chemical production.

Technical Parameters:

Support Material	Alumina
Industry	Chemical Industry
Pore Volume	0.85-0.95 Cm ³ /g
Pressure	3.5MPa
Operating Temperature	60-100°C
Surface Area	150-200 M ² /g
Reusability	Yes
Application	Selective Hydrogenation Of C2
Active Metal	Palladium
Particle Size	3-4.5 Mm

This C2 Selective Hydrogenation Catalyst product is ideal for post-hydrogenation, selective hydrogenation, and front-hydrogenation applications.

Applications:

One of the main advantages of the C2 Selective Hydrogenation Catalyst is its 80% selectivity, which makes it highly efficient for producing specific products. The operating temperature range of 60-100°C is perfect for a wide range of industrial processes. Additionally, the catalyst is reusable, making it a more cost-effective and sustainable option for businesses.

The C2 Selective Hydrogenation Catalyst is ideal for use in the petrochemical industry and other sectors that require hydrogenation processes. It can be used in various scenarios, such as refining crude oil, producing gasoline, and manufacturing chemicals. The catalyst can also be applied to the production of polymers, which are used in the manufacturing of various products.

Overall, the C2 Selective Hydrogenation Catalyst is a versatile and reliable product that can be used in a wide range of industrial processes. Its high selectivity, operating temperature range, and reusability make it a valuable asset to any business that requires hydrogenation processes. Whether you're refining crude oil or producing chemicals, the C2 Selective Hydrogenation Catalyst is a product that you can count on.

Customization:

Brand Name: C2 Selective Hydrogenation Catalyst

Model Number: KMH-02

Place of Origin: CHINA

Pressure: 3.5MPa

Selectivity: 80%

Application: Selective Hydrogenation Of C2

Reusability: Yes

Operating Temperature: 60-100°C

Our hydrogenation catalyst can be customized to fit your specific needs. Choose between front-hydrogenation or post-hydrogenation processes to achieve the desired results. Our catalyst is designed for selective hydrogenation of C2 and has a selectivity of 80%. It can withstand pressure up to 3.5MPa and can be reused multiple times. It is manufactured in China and operates at a temperature range of 60-100°C.

Support and Services:

Our technical support team is available to assist with any questions or issues related to the use of this catalyst, including process optimization, troubleshooting, and catalyst regeneration. In addition, we offer a range of services, including catalyst testing and characterization, to ensure optimal performance and efficiency.

Packing and Shipping:

Product Packaging:

The C2 Selective Hydrogenation Catalyst is packaged in 1 kg sealed bags.

The bags are then placed in corrugated boxes for shipping.

Each box contains 25 kg of the product.

The boxes are labeled with the product name, batch number, and weight.

Product Shipping:

The C2 Selective Hydrogenation Catalyst is shipped via ground, air, or sea transportation.

The product is shipped in accordance with local and international regulations for hazardous goods.

The shipping container is clearly labeled with the product name, batch number, weight, and hazard warning labels.

Shipping documentation includes a Material Safety Data Sheet (MSDS), certificate of analysis, and packing slip.



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