



3-4.5mm Palladium Active Metal Catalyst With 80% Selectivity 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%
- Support Material: Alumina
- Surface Area: 150-200 M2/g
- Active Metal: Palladium
- Application: Selective Hydrogenation Of C2
- Pore Volume: 0.85-0.95 Cm3/g
- Particle Size: 3-4.5 Mm
- Industry: Chemical Industry
- Highlight: **palladium metal catalyst,
palladium hydrogenation catalyst,
selectivity metal catalyst**



Product Description

Product Description:

The catalyst has a surface area of 150-200 M²/g which contributes to its high efficiency. This large surface area provides more active sites for the reaction to take place, resulting in faster reaction rates and higher yields. The C2 Selective Hydrogenation Catalyst provides excellent selectivity, ensuring that only the desired products are formed.

The C2 Selective Hydrogenation Catalyst is suitable for use in a variety of applications in the chemical industry. Its primary application is in the selective hydrogenation of C₂, which is an important process used in the production of various chemicals and fuels. The catalyst is also used in post-hydrogenation processes, where it helps to remove any remaining impurities from the product stream.

Overall, the C2 Selective Hydrogenation Catalyst is a highly effective catalyst that offers excellent performance in the chemical industry. Its active metal Palladium, high-pressure tolerance, and large surface area make it ideal for use in post-hydrogenation and C₂ hydrogenation processes. If you are looking for a reliable and efficient catalyst for your chemical industry applications, the C2 Selective Hydrogenation Catalyst is an excellent choice.

Features:

Product Name: C2 Selective Hydrogenation Catalyst

Application: Selective Hydrogenation Of C₂

Pore Volume: 0.85-0.95 Cm³/g

Selectivity: 80%

Shape: Spherical

Industry: Chemical Industry

Keywords: Front-hydrogenation, post-hydrogenation, Hydrogenation Catalyst

Technical Parameters:

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

Applications:

This catalyst is ideal for use in various occasions and scenarios in the chemical industry. It is perfect for post-hydrogenation of crude C₂ streams in the petrochemical industry. The C2 Selective Hydrogenation Catalyst can be used to convert acetylenic impurities in ethylene and propylene streams to olefins. It can also be applied in the selective hydrogenation of butadiene in C₄ streams.

In the production of polyolefins, the C2 Selective Hydrogenation Catalyst plays a vital role in the C₂ hydrogenation process. It is used to selectively hydrogenate acetylenes and dienes to improve the quality and properties of the final product. This catalyst is also beneficial in the production of synthetic rubber, where it can be used to selectively hydrogenate butadiene.

The operating temperature of the C2 Selective Hydrogenation Catalyst ranges between 60-100°C. This makes it a suitable option for various chemical industry applications, including those that require low-temperature hydrogenation processes. Its high selectivity and efficiency make it a reliable and effective catalyst for post-hydrogenation and C₂ hydrogenation processes.

Customization:

Product Customization Services:

Brand Name: C2 Selective Hydrogenation Catalyst

Model Number: KMH-02

Place of Origin: CHINA

Particle Size: 3-4.5 Mm

Selectivity: 80%

Shape: Spherical

Industry: Chemical Industry

Pressure: 3.5MPa

Our product, C2 Selective Hydrogenation Catalyst with model number KMH-02, is a highly efficient catalyst for post-hydrogenation

processes in the chemical industry. It has a spherical shape with a particle size of 3-4.5 mm, and provides a selectivity of 80% under a pressure of 3.5MPa. Our Hydrogenation Catalyst is made in CHINA and can be customized to meet the specific requirements of your application.

Packing and Shipping:

Product Packaging:

The C2 Selective Hydrogenation Catalyst will be packaged in a metal drum with airtight sealing to prevent any contamination.

The drum will be labeled with the product name and identification number for easy identification.

The drum will be cushioned with sufficient packaging material to prevent any damage during transportation.

Shipping:

The C2 Selective Hydrogenation Catalyst will be shipped via a licensed and certified hazardous materials carrier.

All necessary permits and paperwork will be prepared and included with the shipment.

The shipment will be tracked and monitored during transportation to ensure timely delivery.



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