



Selective C2 Hydrogenation Catalyst With 80% Selectivity For Chemical Industry Reusable And With 0.85-0.95

Our Product Introduction

for more products please visit us on jyalumcatalyst.com

Basic Information

- Place of Origin: CHINA
- Brand Name: C2 Selective Hydrogenation Catalyst
- Model Number: KMH-02



Product Specification

- Selectivity: 80%
- Reusability: Yes
- Industry: Chemical Industry
- Application: Selective Hydrogenation Of C2
- Particle Size: 3-4.5 Mm
- Active Metal: Palladium
- Support Material: Alumina
- Pore Volume: 0.85-0.95 Cm³/g
- Highlight: **selective c2 hydrogenation catalyst,**
selectivity c2 hydrogenation catalyst,
selectivity c2 selective hydrogenation catalyst

Product Description

Product Description:

The C2 Selective Hydrogenation Catalyst operates at a pressure of 3.5MPa, making it an ideal product for chemical industries that require high-pressure hydrogenation. The catalyst is made with alumina support material, which is known for its excellent thermal stability, high surface area, and superior mechanical strength.

The catalyst is available in a spherical shape, which ensures that it has a high surface area to volume ratio. This allows for efficient gas-solid contact, which is essential for the success of the hydrogenation process. The particle size of the C2 Selective Hydrogenation Catalyst ranges from 3-4.5 mm, making it an ideal size for use in most hydrogenation applications.

The C2 Selective Hydrogenation Catalyst is an ideal product for front-hydrogenation and post-hydrogenation processes. The catalyst is designed to selectively remove acetylene and diene impurities from ethylene, thereby increasing the purity of the final product. The catalyst is highly efficient, which ensures that the hydrogenation process is completed in a shorter time, resulting in higher production rates.

The C2 Selective Hydrogenation Catalyst is an essential product for any chemical industry that requires efficient hydrogenation processes. The catalyst is designed to improve the purity of the final product, increase production rates, and reduce costs.

Features:

Product Name: C2 Selective Hydrogenation Catalyst

Operating Temperature: 60-100°C

Particle Size: 3-4.5 Mm

Reusability: Yes

Pressure: 3.5MPa

Industry: Chemical Industry

Features:

Selective Hydrogenation capability for C2 hydrogenation

Optimal operating temperature range of 60-100°C

Particle size of 3-4.5 Mm for effective post-hydrogenation processing

Reusable for cost-effective industrial applications

Can withstand high pressure of 3.5MPa

Technical Parameters:

Support Material	Alumina
Pore Volume	0.85-0.95 Cm3/g
Active Metal	Palladium
Selectivity	80%
Particle Size	3-4.5 Mm
Application	C2 selective hydrogenation
Operating Temperature	60-100°C
Surface Area	150-200 M2/g
Reusability	Yes
Shape	Spherical

Applications:

The C2 Selective Hydrogenation Catalyst is ideal for front-hydrogenation, which is a process that involves the selective hydrogenation of acetylene and dienes in the feed stream. This process is crucial in the production of high-quality ethylene, which is used in the manufacture of a wide range of products, including plastics, rubber, and textiles.

The C2 Selective Hydrogenation Catalyst has a high surface area of 150-200 M2/g, which allows for better contact between the catalyst and the reactants, resulting in faster reaction rates. The catalyst also has a spherical shape, which ensures uniform distribution and minimizes the chances of channeling.

This catalyst is supported on alumina, which is an excellent support material for hydrogenation reactions. Alumina provides a stable and inert surface for the active metal, ensuring that it remains active throughout the reaction process.

The C2 Selective Hydrogenation Catalyst is suitable for use in various occasions and scenarios in the chemical industry. It can be used in the production of ethylene, propylene, butadiene, and other chemicals. The catalyst is also useful in the purification of hydrogen gas, which is used as a feedstock in many chemical processes.

In summary, the C2 Selective Hydrogenation Catalyst is a high-performance catalyst designed for selective hydrogenation processes in the chemical industry. Its excellent performance, coupled with its superior surface area, shape, and support material, make it an ideal choice for front-hydrogenation processes. If you are looking for a reliable and efficient catalyst for your chemical processes, the C2 Selective Hydrogenation Catalyst is an excellent choice.

Customization:

C2 Selective Hydrogenation Catalyst product:

Brand Name: C2 Selective Hydrogenation Catalyst

Model Number: KMH-02

Place of Origin: CHINA

Reusability: Yes

Operating Temperature: 60-100°C

Pressure: 3.5MPa

Support Material: Alumina

Surface Area: 150-200 M2/g

Our product is ideal for front-hydrogenation, C2 hydrogenation, and C2 selective hydrogenation. It can be customized to meet your specific needs and requirements. Contact us for more information.

Packing and Shipping:

Product Packaging:

The C2 Selective Hydrogenation Catalyst product will be packaged in a 1 kg sealed aluminum canister. The canister will be labeled with the product name, manufacturer, batch number, and expiration date. The canister will then be placed in a sturdy cardboard box for added protection during shipping.

Shipping:

The product will be shipped via air or sea freight depending on the customer's location. The shipment will be properly labeled with the product name, manufacturer, and batch number. The package will be securely sealed and marked with appropriate handling instructions. The customer will be provided with a tracking number to monitor the shipment's progress and estimated delivery date.



Qingdao Junyao Catalyst New Material Technology Co., Ltd.



+8618254266810



jycat@qdjunyao.com.cn



jyalumcatalyst.com