



Customizable C2 Selective Hydrogenation Catalyst For Enhanced Hydrogenation Reactions

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

- Operating Temperature: 60-100°C
- Pressure: 3.5MPa
- Selectivity: 80%
- Active Metal: Palladium
- Industry: Chemical Industry
- Application: Selective Hydrogenation Of C2
- Surface Area: 150-200 M2/g
- Particle Size: 3-4.5 Mm
- Highlight: **Customizable C2 Selective Hydrogenation Catalyst**
, Customizable selective hydrogenation,
selective hydrogenation For Enhanced
Hydrogenation Reactions

Product Description

Product Description:

The C2 Selective Hydrogenation Catalyst is an essential component in the chemical industry, specifically engineered to enhance the selective hydrogenation process. This catalyst is crucial for converting unsaturated compounds into their saturated forms, providing improved efficiency and selectivity during the post-hydrogenation phase.

With a surface area between 150 and 200 m²/g, the catalyst offers a significant number of active sites for catalytic reactions. This expansive surface area plays a key role in its effective performance for selective hydrogenation processes within the industry. Operating at a pressure of 3.5 MPa, the C2 Selective Hydrogenation Catalyst establishes optimal conditions for executing hydrogenation reactions. The controlled pressure environment it provides boosts the conversion rates of unsaturated compounds while ensuring selectivity for the desired products.

The spherical design of the catalyst enhances its catalytic effectiveness by promoting efficient mass transfer and ensuring an even distribution of reactants. This shape allows for seamless integration into various reactor setups, making it a flexible option for different processing needs in the chemical sector.

Functioning within a temperature range of 60-100°C, the C2 Selective Hydrogenation Catalyst offers adaptability in process design while maintaining high performance. Its capability to operate efficiently at moderate temperatures makes it suitable for a diverse array of hydrogenation applications, ensuring consistent and reliable outcomes in industrial settings.

In summary, the C2 Selective Hydrogenation Catalyst is recognized for its high efficiency and versatility, specifically tailored to meet the demands of the chemical industry. With its remarkable surface area, pressure tolerance, spherical form, and wide operating temperature range, this catalyst is an invaluable resource for facilitating selective hydrogenation processes and achieving outstanding results in post-hydrogenation applications.

Features:

Product Name: C2 Selective Hydrogenation Catalyst

Surface Area: 150-200 M²/g

Pressure: 3.5MPa

Reusability: Yes

Selectivity: 80%

Operating Temperature: 60-100°C

Technical Parameters:

Support Material	Alumina
Application	Selective Hydrogenation Of C2
Shape	Spherical
Particle Size	3-4.5 mm
Pore Volume	0.85-0.95 cm ³ /g
Active Metal	Palladium
Industry	Chemical Industry
Reusability	Yes
Selectivity	80%
Surface Area	150-200 m ² /g

Applications:

The C2 Selective Hydrogenation Catalyst, model number KMH-02, is a high-quality product originating from CHINA, specifically designed for the Chemical Industry. With a pore volume ranging from 0.85 to 0.95 cm³/g and a particle size between 3 to 4.5 mm, this catalyst is optimized for the selective hydrogenation of C2 molecules.

One of the key application occasions for the C2 Selective Hydrogenation Catalyst is in the process of C2 hydrogenation. This catalyst is highly effective in carrying out the selective hydrogenation of C2 molecules, ensuring the desired chemical reactions take place efficiently and with precision. Whether it's front-hydrogenation or post-hydrogenation processes, the KMH-02 catalyst delivers consistent and reliable results.

Due to its operating temperature range of 60-100°C, this catalyst is ideal for various scenarios within the Chemical Industry where C2 hydrogenation is required. From large-scale industrial operations to research and development laboratories, the C2 Selective Hydrogenation Catalyst can be utilized effectively across different settings.

Chemical engineers and researchers can rely on the C2 Selective Hydrogenation Catalyst to facilitate the conversion of C2 molecules with precision and control. Its specific design and optimized pore volume make it a valuable tool in enhancing the efficiency and output of C2 hydrogenation processes.

Customization:

Product Customization Services for the **C2 Selective Hydrogenation Catalyst** product:

Brand Name: C2 Selective Hydrogenation Catalyst

Model Number: KMH-02

Place of Origin: CHINA

Industry: Chemical Industry

Reusability: Yes

Application: Selective Hydrogenation Of C2, post-hydrogenation

Shape: Spherical

Surface Area: 150-200 M2/g

Packing and Shipping:

Product Name: C2 Selective Hydrogenation Catalyst

Description: Our C2 Selective Hydrogenation Catalyst is a high-quality catalyst designed for the selective hydrogenation of C2 compounds in various industrial processes.

Package Contents: 1 bottle of C2 Selective Hydrogenation Catalyst

Shipping Information: This product will be carefully packaged to ensure safe delivery. Please allow 3-5 business days for processing and shipping.

FAQ:

Q: What is the brand name of this catalyst?

A: The brand name of this catalyst is C2 Selective Hydrogenation Catalyst.

Q: What is the model number of this catalyst?

A: The model number of this catalyst is KMH-02.

Q: Where is this catalyst manufactured?

A: This catalyst is manufactured in CHINA.

Q: What is the primary function of this catalyst?

A: The primary function of this catalyst is selective hydrogenation of C2 compounds.

Q: How can I purchase this catalyst?

A: You can purchase this catalyst by contacting our authorized distributors or directly through our official website.



Qingdao Junyao Catalyst New Material Technology Co., Ltd.



+8618254266810



jycat@qdjunyao.com.cn



jyalumcatalyst.com