



Active Metal Palladium Hydrogenation Catalyst High Pore Volume 0.85-0.95 Cm3/g For Precise And Controlled 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

- Reusability: Yes
- Pore Volume: 0.85-0.95 Cm3/g
- Support Material: Alumina
- Pressure: 3.5MPa
- Industry: Chemical Industry
- Selectivity: 80%
- Shape: Spherical
- Surface Area: 150-200 M2/g
- Highlight:
 - High Pore Volume Palladium Hydrogenation Catalyst
 - , Controlled Reactions Palladium Hydrogenation Catalyst
 - , Precise Palladium Hydrogenation Catalyst

Product Description

Product Description:

The C2 Selective Hydrogenation Catalyst is an essential tool in the chemical industry, specifically engineered for the selective hydrogenation of C2 compounds. This catalyst features Palladium as its active metal, supported by high-quality Alumina, which ensures outstanding performance and efficiency across a range of industrial applications.

A key attribute of this catalyst is its impressive pore volume, which ranges from 0.85 to 0.95 cm³/g. This significant pore volume facilitates efficient mass transfer and provides excellent accessibility to active sites, optimizing catalytic activity for both front-hydrogenation and post-hydrogenation processes.

Thanks to its tailored composition and structure, the C2 Selective Hydrogenation Catalyst is particularly effective in applications that require precise control over reactions involving C2 compounds. The Palladium component is crucial for enabling selective hydrogenation, resulting in improved yields and product purity.

In an industry where efficiency and selectivity are critical, the C2 Selective Hydrogenation Catalyst is recognized as a dependable and effective solution. The Alumina support offers outstanding stability and thermal resistance, ensuring a longer catalyst lifespan and reliable performance even in challenging conditions.

Whether applied in front-hydrogenation or post-hydrogenation processes, this catalyst consistently provides reliable results and high selectivity, making it a favored choice for various industrial applications involving C2 compound transformations. The unique synergy between the active metal and support material enhances catalytic performance and boosts overall process efficiency.

In summary, the C2 Selective Hydrogenation Catalyst is a versatile and high-performance solution that meets the rigorous demands of the chemical industry. With its advanced formulation, superior pore volume, and remarkable selectivity, this catalyst is ideal for precise and controlled conversions of C2 compounds, making it a valuable asset in numerous industrial applications.

Features:

Product Name: C2 Selective Hydrogenation Catalyst

Reusability: Yes

Active Metal: Palladium

Selectivity: 80%

Industry: Chemical Industry

Pore Volume: 0.85-0.95 Cm³/g

Technical Parameters:

Application	Selective Hydrogenation Of C2
Active Metal	Palladium
Industry	Chemical Industry
Surface Area	150-200 M ² /g
Selectivity	80%
Pressure	3.5MPa
Operating Temperature	60-100°C
Particle Size	3-4.5 Mm
Pore Volume	0.85-0.95 Cm ³ /g
Support Material	Alumina

Applications:

The C2 Selective Hydrogenation Catalyst (Model: KMH-02) is a high-quality product originating from CHINA, designed specifically for the selective hydrogenation of C2 compounds. With a pressure capacity of 3.5MPa, this catalyst is ideal for front-hydrogenation processes where precise control and selectivity are crucial.

The key application occasions for the C2 Selective Hydrogenation Catalyst include industrial settings where C2 hydrogenation is required, such as in the petrochemical and chemical industries. Its unique formulation, featuring Palladium as the active metal, ensures high reactivity and selectivity towards C2 compounds.

One of the standout features of this catalyst is its reusability, allowing for cost-effective and sustainable operations. The surface area of 150-200 M²/g further enhances its catalytic efficiency, making it a reliable choice for continuous hydrogenation processes.

Whether used in batch reactions or continuous flow systems, the C2 Selective Hydrogenation Catalyst delivers consistent performance and exceptional selectivity towards C2 compounds. Its robust design and proven effectiveness make it a preferred choice for various hydrogenation scenarios where precise control over C2 conversion is essential.

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
Selectivity: 80%
Support Material: Alumina
Operating Temperature: 60-100°C
Application: Selective Hydrogenation Of C2

Packing and Shipping:

Product: C2 Selective Hydrogenation Catalyst

Description: Our C2 Selective Hydrogenation Catalyst is designed for efficient and precise hydrogenation reactions.

Packaging: The catalyst is securely packaged in a labeled container to ensure safe handling and storage.

Shipping: The product will be carefully packed and shipped to your designated address with proper handling instructions.

FAQ:

Q: What is the brand name of the hydrogenation catalyst?

A: The brand name is C2 Selective Hydrogenation Catalyst.

Q: What is the model number of the catalyst?

A: The model number is KMH-02.

Q: Where is the C2 Selective Hydrogenation Catalyst manufactured?

A: The catalyst is manufactured in China.

Q: What type of reactions is this catalyst suitable for?

A: The C2 Selective Hydrogenation Catalyst is ideal for selective hydrogenation reactions.

Q: Are there any specific operating conditions for using this catalyst?

A: Yes, specific operating conditions will be provided in the product manual for optimal performance.



Qingdao Junyao Catalyst New Material Technology Co., Ltd.



+8618254266810



jycat@qdjunyao.com.cn



jyalumcatalyst.com