



Uniform Pore Size Distribution C3 Selective Hydrogenation Catalyst Supported By Aluminum Oxide Al_2O_3 For Spherical Shape

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: C3 Selective Hydrogenation Catalyst
- Model Number: KMH-03



Product Specification

- Support Material: Aluminum Oxide (Al_2O_3)
- Stability: Excellent Stability Under Harsh Conditions
- Surface Area: High Surface Area For Efficient Catalytic Activity
- Catalyst Type: Supported Metal Catalyst
- Particle Size: Narrow Particle Size Distribution
- Operating Temperature: 30-35°C
- Pore Size: Uniform Pore Size Distribution
- Shape: Spherical
- Highlight: **Aluminum Oxide C3 Selective Hydrogenation Catalyst**
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Spherical Shape C3 Selective Hydrogenation Catalyst
c3 selective hydrogenation process Catalyst

Product Description

Product Description:

The C3 Selective Hydrogenation Catalyst is a state-of-the-art solution designed for efficient and selective hydrogenation processes. This catalyst employs Aluminum Oxide (Al₂O₃) as its support material, providing a solid and stable base for the catalytic reactions.

A standout characteristic of this catalyst is its remarkable regenerability. It can be restored multiple times without a significant decline in activity, positioning it as a cost-effective and sustainable option for industrial applications.

As a Supported Metal Catalyst, the C3 Selective Hydrogenation Catalyst demonstrates high activity specifically tailored for C3 hydrogenation processes. Its distinctive composition and structure facilitate outstanding performance in achieving propene selectivity while minimizing undesirable byproducts.

The catalyst's high activity for C3 hydrogenation is particularly notable for its ability to deliver excellent propene selectivity. This selectivity is essential for enhancing the overall efficiency and yield of the hydrogenation process, making it suitable for applications that require precise control over product composition.

Functioning within a temperature range of 30-35°C, the C3 Selective Hydrogenation Catalyst provides optimal conditions for catalytic reactions. This moderate temperature not only promotes efficient performance but also contributes to the catalyst's durability and stability during extended use.

Furthermore, the catalyst's capability to maintain propene selectivity while exhibiting high activity for C3 hydrogenation distinguishes it as a reliable and versatile solution for various industrial applications. Its consistent performance and regenerability make it a valuable tool for optimizing production efficiency and improving product quality.

Features:

Product Name: C3 Selective Hydrogenation Catalyst

Pore Size: Uniform Pore Size Distribution

Shape: Spherical

Application: Selective Hydrogenation Of C3 Hydrocarbons

Surface Area: High Surface Area For Efficient Catalytic Activity

Catalyst Type: Supported Metal Catalyst

Technical Parameters:

Regenerability	Can Be Regenerated Multiple Times Without Significant Loss Of Activity
Operating Temperature	30-35°C
Selectivity	High Selectivity C3 Hydrogenation
Catalyst Type	Supported Metal Catalyst
Pore Size	Uniform Pore Size Distribution
Active Metal	Palladium (Pd)
Stability	Excellent Stability Under Harsh Conditions
Activity	High Activity For C3 Hydrogenation
Surface Area	High Surface Area For Efficient Catalytic Activity
Support Material	Aluminum Oxide (Al ₂ O ₃)

Applications:

The C3 Selective Hydrogenation Catalyst, model number KMH-03, is a top-of-the-line product originating from China. Known for its excellent stability under harsh conditions, this catalyst is designed for the selective hydrogenation of C3 hydrocarbons, making it an essential tool in various industries.

One of the key features of the C3 Selective Hydrogenation Catalyst is its propene selectivity, which ensures precise and efficient hydrogenation of C3 hydrocarbons. The active metal in this catalyst is Palladium (Pd), renowned for its catalytic properties, enabling the catalyst to operate effectively at temperatures ranging from 30 to 35°C.

With a high surface area that promotes efficient catalytic activity, the C3 Selective Hydrogenation Catalyst is ideal for a wide range of application occasions and scenarios. Here are some common uses:

Petrochemical Industry: The catalyst is widely employed in the petrochemical industry for the selective hydrogenation of C3 hydrocarbons, ensuring high propene selectivity and optimal production processes.

Refinery Operations: Refineries utilize the C3 Selective Hydrogenation Catalyst to enhance conversion rates and improve the quality of products by selectively hydrogenating C3 hydrocarbons.

Chemical Manufacturing: In chemical manufacturing processes, this catalyst plays a crucial role in achieving specific hydrogenation reactions, particularly in the production of key chemical compounds.

Environmental Applications: The catalyst's stability under harsh conditions makes it suitable for environmental applications, such as reducing emissions and improving sustainability in various industrial processes.

Whether it's boosting propene selectivity, enhancing catalytic efficiency, or ensuring stability in challenging environments, the C3

Selective Hydrogenation Catalyst stands out as a reliable and high-performance solution for industries that rely on precise hydrogenation of C3 hydrocarbons.

Customization:

Product Customization Services for the **C3 Selective Hydrogenation Catalyst** include:

Brand Name: C3 Selective Hydrogenation Catalyst

Model Number: KMH-03

Place of Origin: CHINA

Activity: High Activity For C3 Hydrogenation

Selectivity: High Selectivity C3 Hydrogenation

Particle Size: Narrow Particle Size Distribution

Active Metal: Palladium (Pd)

Surface Area: High Surface Area For Efficient Catalytic Activity

Packing and Shipping:

Product Name: C3 Selective Hydrogenation Catalyst

Description: Our C3 Selective Hydrogenation Catalyst is designed for efficient and precise hydrogenation of C3 molecules. It offers high selectivity and performance in various industrial applications.

Packaging: The C3 Selective Hydrogenation Catalyst is carefully packaged in a sealed container to prevent contamination and ensure product integrity.

Shipping: We ensure safe and timely shipping of our C3 Selective Hydrogenation Catalyst to your location. Our dedicated team will handle the packaging and shipping process with utmost care.

FAQ:

Q: What is the brand name of this catalyst?

A: The brand name of this catalyst is C3 Selective Hydrogenation Catalyst.

Q: What is the model number of this catalyst?

A: The model number of this catalyst is KMH-03.

Q: Where is this catalyst manufactured?

A: This catalyst is manufactured in China.

Q: What is the primary application of the C3 Selective Hydrogenation Catalyst?

A: The primary application of this catalyst is in the selective hydrogenation of C3 compounds.

Q: Is the C3 Selective Hydrogenation Catalyst suitable for industrial-scale processes?

A: Yes, this catalyst is suitable for industrial-scale processes due to its efficient performance and reliability.



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