



Supported Metal Catalyst For C3 Selective Hydrogenation Catalyst On Aluminum Oxide Al₂O₃ Support Material

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

- Catalyst Type: Supported Metal Catalyst
- Shape: Spherical
- Activity: High Activity For C3 Hydrogenation
- Stability: Excellent Stability Under Harsh Conditions
- Pore Size: Uniform Pore Size Distribution
- Selectivity: High Selectivity C3 Hydrogenation
- Surface Area: High Surface Area For Efficient Catalytic Activity
- Regenerability: Can Be Regenerated Multiple Times Without Significant Loss Of Activity
- Highlight: **C3 Selective Hydrogenation Catalyst, Metal Catalyst C3 Selective Hydrogenation Catalyst**
, Aluminum Oxide C3 Selective Hydrogenation

Product Description

Product Description:

The C3 Selective Hydrogenation Catalyst is a cutting-edge product designed for propene selectivity and maximum MAPD efficiency. This catalyst boasts a uniform pore size distribution, ensuring precise control over the catalytic process. The uniform pore size allows for optimal propene selectivity, making it an ideal choice for selective hydrogenation applications.

One of the key features of this catalyst is its exceptional regenerability. It can be regenerated multiple times without experiencing a significant loss of activity, providing long-lasting and cost-effective performance. This attribute makes the C3 Selective Hydrogenation Catalyst a sustainable choice for industrial processes requiring consistent and reliable catalytic activity.

In addition to its regenerability, this catalyst offers a high surface area, enhancing its catalytic efficiency. The high surface area provides ample active sites for catalytic reactions, ensuring maximum conversion rates and product yields. This feature makes the C3 Selective Hydrogenation Catalyst a highly efficient option for applications requiring high throughput and productivity.

Furthermore, the C3 Selective Hydrogenation Catalyst exhibits excellent stability under harsh conditions. Its robust design and high-quality materials make it resistant to extreme temperatures, pressures, and chemical environments. This stability ensures consistent performance and longevity, even in challenging industrial settings.

The support material used in the C3 Selective Hydrogenation Catalyst is aluminum oxide (Al₂O₃), known for its durability and compatibility with a wide range of catalytic processes. Aluminum oxide provides a solid foundation for the catalytic components, ensuring optimal dispersion and interaction for efficient catalytic activity. This support material contributes to the overall effectiveness and reliability of the catalyst, making it a top choice for selective hydrogenation applications.

Features:

Product Name: C3 Selective Hydrogenation Catalyst

Regenerability: Can Be Regenerated Multiple Times Without Significant Loss Of Activity

Selectivity: High Selectivity C3 Hydrogenation

Application: Selective Hydrogenation Of C3 Hydrocarbons

Catalyst Type: Supported Metal Catalyst

Shape: Spherical

Technical Parameters:

Support Material	Aluminum Oxide (Al ₂ O ₃)
Application	Selective Hydrogenation Of C3 Hydrocarbons
Surface Area	High Surface Area For Efficient Catalytic Activity
Regenerability	Can Be Regenerated Multiple Times Without Significant Loss Of Activity
Catalyst Type	Supported Metal Catalyst
Selectivity	High Selectivity C3 Hydrogenation
Activity	High Activity For C3 Hydrogenation
Particle Size	Narrow Particle Size Distribution
Shape	Spherical
Stability	Excellent Stability Under Harsh Conditions

Applications:

The C3 Selective Hydrogenation Catalyst (Model: KMH-03) is a premium product originating from China, specifically designed for efficient C3 hydrogenation processes. With its active metal component being Palladium (Pd) supported on Aluminum Oxide (Al₂O₃), this catalyst offers exceptional performance in selective hydrogenation applications.

The catalyst's uniform pore size distribution ensures precise control over the catalytic reaction, making it ideal for C3 hydrogenation scenarios where selectivity is crucial. Its high surface area further enhances the efficiency of the catalytic process, enabling rapid and effective conversion of C3 compounds.

Product Application Occasions and Scenarios:

Refinery Operations: The C3 Selective Hydrogenation Catalyst is perfect for use in refinery units where the selective hydrogenation of C3 components is required to meet product specifications.

Petrochemical Industry: This catalyst finds extensive application in the petrochemical sector for optimizing C3 hydrogenation reactions in various processes.

Chemical Manufacturing: Manufacturers looking to enhance the efficiency of C3 hydrogenation processes can benefit significantly from the high activity and selectivity of this catalyst.

Whether it's improving product quality, increasing process efficiency, or achieving specific conversion targets, the C3 Selective Hydrogenation Catalyst excels in delivering reliable and consistent results. Its advanced composition and design make it a preferred choice for industries where C3 hydrogenation plays a critical role in production processes.

Customization:

Product Customization Services for the C3 Selective Hydrogenation Catalyst

Brand Name: C3 Selective Hydrogenation Catalyst

Model Number: KMH-03

Place of Origin: CHINA

Application: Selective Hydrogenation Of C3 Hydrocarbons

Pore Size: Uniform Pore Size Distribution

Activity: High Activity For C3 Hydrogenation

Selectivity: High Selectivity C3 Hydrogenation

Catalyst Type: Supported Metal Catalyst

Packing and Shipping:

Product Name: C3 Selective Hydrogenation Catalyst

Description: Our C3 Selective Hydrogenation Catalyst is designed for efficient hydrogenation processes, providing high selectivity and yield.

Packaging: Each unit of the catalyst is securely packed in a sealed container to ensure product integrity during shipping and storage.

Shipping: The product will be carefully packaged and shipped in compliance with safety regulations to prevent any damage or leakage during transit.

FAQ:

Q: What is the brand name of this catalyst?

A: The brand name is C3 Selective Hydrogenation Catalyst.

Q: What is the model number of this catalyst?

A: The model number is KMH-03.

Q: Where is this catalyst manufactured?

A: This catalyst is manufactured in China.

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

A: The primary function is to selectively hydrogenate C3 components in various processes.

Q: How can I purchase the C3 Selective Hydrogenation Catalyst?

A: Please contact our sales department for purchasing inquiries.



Qingdao Junyao Catalyst New Material Technology Co., Ltd.



+8618254266810



jycat@qdjunyao.com.cn



jyalumcatalyst.com