



High Performance C3 Selective Hydrogenation Catalyst For Selective Conversion Of C3 Hydrocarbons

Our Product Introduction

for more products please visit us on jyalumcatalyst.com

Basic Information

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



Product Specification

- Particle Size: Narrow Particle Size Distribution
- Pore Size: Uniform Pore Size Distribution
- Surface Area: High Surface Area For Efficient Catalytic Activity
- Application: Selective Hydrogenation Of C3 Hydrocarbons
- Stability: Excellent Stability Under Harsh Conditions
- Active Metal: Palladium (Pd)
- Shape: Spherical
- Catalyst Type: Supported Metal Catalyst
- Highlight: **C3 Hydrocarbons C3 Selective Hydrogenation Catalyst**
,
Selective Conversion C3 Selective Hydrogenation Catalyst

Product Description

Product Description:

The C3 Selective Hydrogenation Catalyst is a specialized tool designed specifically for the selective hydrogenation of C3 hydrocarbons. As part of the supported metal catalyst family, it excels at converting unsaturated C3 hydrocarbons into saturated compounds with remarkable selectivity.

A notable feature of this catalyst is its uniform pore size distribution, which facilitates efficient mass transfer and ensures that reactants have easy access to active sites. This design significantly enhances the catalyst's performance. Additionally, its high surface area provides a greater space for catalytic reactions to take place, further improving efficiency.

Another critical advantage of the C3 Selective Hydrogenation Catalyst is its regenerability. It can be restored multiple times without a substantial decrease in activity, making it a sustainable and cost-effective choice for industrial applications.

Thanks to its unique properties, the C3 Selective Hydrogenation Catalyst is ideally suited for processes that demand precise control over the hydrogenation of C3 hydrocarbons. Whether utilized in MAPD processes or other hydrogenation scenarios, this catalyst consistently delivers reliable and effective performance.

Features:

Product Name: C3 Selective Hydrogenation Catalyst

Catalyst Type: Supported Metal Catalyst

Operating Temperature: 30-35°C

Shape: Spherical

Surface Area: High Surface Area For Efficient Catalytic Activity

Selectivity: High Selectivity C3 Hydrogenation

Technical Parameters:

Stability	Excellent Stability Under Harsh Conditions
Pore Size	Uniform Pore Size Distribution
Operating Temperature	30-35°C
Catalyst Type	Supported Metal Catalyst
Application	Selective Hydrogenation Of C3 Hydrocarbons
Activity	High Activity For C3 Hydrogenation
Active Metal	Palladium (Pd)
Particle Size	Narrow Particle Size Distribution
Support Material	Aluminum Oxide (Al ₂ O ₃)
Surface Area	High Surface Area For Efficient Catalytic Activity

Applications:

The C3 Selective Hydrogenation Catalyst (Model: KMH-03) is a highly efficient catalyst designed for selective hydrogenation processes, originating from CHINA. This catalyst utilizes Aluminum Oxide (Al₂O₃) as its support material, ensuring excellent performance and reliability in various applications.

With a narrow particle size distribution, the C3 Catalyst offers precise control over the catalytic reactions, leading to enhanced selectivity and improved product quality. Its high surface area further boosts catalytic activity, allowing for faster reaction rates and higher yields.

One of the key advantages of the C3 Selective Hydrogenation Catalyst is its outstanding stability, even under harsh conditions. This stability ensures consistent performance over extended operation periods, making it an ideal choice for demanding industrial processes.

The spherical shape of the catalyst particles promotes efficient mixing and contact with reactants, maximizing the utilization of active sites and improving overall conversion rates. This feature is particularly beneficial for processes requiring uniform distribution of hydrogen and other reactants.

Common application occasions for the C3 Selective Hydrogenation Catalyst include the hydrogenation of unsaturated hydrocarbons, such as alkenes and alkynes, in the production of specialty chemicals, pharmaceutical intermediates, and fine chemicals. It is also well-suited for the removal of acetylenes and dienes from feed streams, ensuring the purity of the final products.

Whether used in batch or continuous processes, the C3 Catalyst delivers consistent and reliable performance, meeting the stringent requirements of industries such as petrochemicals, refineries, and pharmaceuticals. Its compatibility with various reactor types and operating conditions makes it a versatile solution for a wide range of hydrogenation applications.

Customization:

Customize your C3 Selective Hydrogenation Catalyst with our Product Customization Services:

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

- Catalyst Type: Supported Metal Catalyst
- Pore Size: Uniform Pore Size Distribution
- Stability: Excellent Stability Under Harsh Conditions
- Activity: High Activity For C3 Hydrogenation
- Shape: Spherical

Packing and Shipping:

Product: C3 Selective Hydrogenation Catalyst

Description: Our C3 Selective Hydrogenation Catalyst is designed to provide high efficiency and selectivity in the hydrogenation process.

Package Includes: 1 bottle of C3 Selective Hydrogenation Catalyst.

Shipping: This product will be carefully packaged to ensure safe delivery. Shipping costs will vary depending on your location and preferred shipping method.

FAQ:

Q: What is the brand name of this hydrogenation 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 hydrocarbons for specific industrial processes.

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

A: You can contact our authorized distributors or reach out to us directly for purchasing inquiries.



Qingdao Junyao Catalyst New Material Technology Co., Ltd.



+8618254266810



jycat@qdjunyao.com.cn



jyalumcatalyst.com