



Narrow Particle Distribution Palladium Hydrogenation Catalyst With Excellent Stability

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

- Stability: Excellent Stability Under Harsh Conditions
- Selectivity: High Selectivity C3 Hydrogenation
- Support Material: Aluminum Oxide (Al₂O₃)
- Active Metal: Palladium (Pd)
- Pore Size: Uniform Pore Size Distribution
- Particle Size: Narrow Particle Size Distribution
- Operating Temperature: 30-35°C
- Application: Selective Hydrogenation Of C3 Hydrocarbons
- Highlight: **stability hydrogenation catalyst, stability hydrogenation process catalyst, c3 hydrogenation catalyst**

Product Description

Product Description:

Our C3 Selective Hydrogenation Catalyst is specifically designed for the selective hydrogenation of propene. It delivers high propene selectivity, making it an ideal choice for a wide range of industrial applications. One of the key features of our catalyst is its narrow particle size distribution. This ensures that the catalyst is able to deliver consistent and reliable performance, even in the most demanding applications. Additionally, the uniform pore size distribution ensures that the catalyst is able to maintain its selectivity over time, even after repeated use. Our C3 Selective Hydrogenation Catalyst is also highly regenerable, meaning that it can be regenerated multiple times without significant loss of activity. This makes it an ideal choice for applications where long-term performance is critical. So if you're looking for a high-performance, long-lasting hydrogenation catalyst that delivers exceptional selectivity for C3 hydrocarbons, look no further than our C3 Selective Hydrogenation Catalyst.

Technical Parameters:

Technical Parameter	Description
Regenerability	Can be regenerated multiple times without significant loss of activity
Surface Area	High surface area for efficient catalytic activity
Active Metal	Palladium (Pd)
Catalyst Type	Supported metal catalyst
Application	Selective hydrogenation of C3 hydrocarbons
Selectivity	High selectivity C3 hydrogenation
Support Material	Aluminum oxide (Al ₂ O ₃)
Shape	Spherical
Pore Size	Uniform pore size distribution
Particle Size	Narrow particle size distribution

Applications:

One of the primary applications of this catalyst is in the manufacturing of MAPD, or methylalpropadiene. The C3 Selective Hydrogenation Catalyst has been specifically designed for this purpose, allowing for efficient and effective production of this valuable chemical compound.

In addition to MAPD production, this catalyst is also ideal for propene selectivity and other C3 hydrogenation applications. Its high selectivity ensures that only the desired compounds are produced, minimizing waste and maximizing yield.

The C3 Selective Hydrogenation Catalyst features aluminum oxide (Al₂O₃) as its support material, providing excellent stability and durability. The spherical shape of the catalyst particles also helps to promote efficient and even distribution throughout the reaction mixture.

Overall, the C3 Selective Hydrogenation Catalyst is an excellent choice for any application requiring high selectivity C3 hydrogenation. Its superior performance, combined with its reliable and durable design, make it a top choice for industrial and commercial manufacturers.

Customization:

Customization Services for C3 Selective Hydrogenation Catalyst:

Brand Name: C3 Selective Hydrogenation Catalyst

Model Number: KMH-03

Place of Origin: CHINA

Catalyst Type: Supported Metal Catalyst

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

Surface Area: High Surface Area For Efficient Catalytic Activity

Active Metal: Palladium (Pd)

Operating Temperature: 30-35°C

Our customization services also include:

Optimizing the catalyst for maximum MAPD (molar average propylene selectivity)

Enhancing the catalyst's propene selectivity

Tailoring the catalyst to specific operating conditions and process requirements

Support and Services:

Our C3 Selective Hydrogenation Catalyst is designed to provide excellent performance in selective hydrogenation reactions. The catalyst is optimized to selectively hydrogenate acetylenes and dienes in C3 streams, while minimizing the formation of unwanted byproducts.

We offer technical support and services to ensure that our customers achieve the best possible results with our catalyst. Our team of experts can provide guidance on catalyst loading, reactor design, and other key aspects of the process. We also offer catalyst testing services to help customers optimize their process conditions.

In addition, we provide ongoing technical support to ensure that our customers' processes continue to run smoothly. This includes troubleshooting assistance, catalyst monitoring, and catalyst replacement services.

Packing and Shipping:

Product Name: C3 Selective Hydrogenation Catalyst

Package Contents: 1 bottle of C3 Selective Hydrogenation Catalyst

Package Dimensions: 10 x 10 x 20 cm

Package Weight: 500 grams

Shipping Method: Standard Shipping

Estimated Delivery Time: 5-7 business days

Shipping Cost: \$10



Qingdao Junyao Catalyst New Material Technology Co., Ltd.



+8618254266810



jycat@qdjunyao.com.cn



jyalumcatalyst.com