



Excellent Under Harsh Conditions Activity Hydrogenation Catalyst / H₂ Catalyst 30-35°C

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
- Operating Temperature: 30-35°C
- Pore Size: Uniform Pore Size Distribution
- Application: Selective Hydrogenation Of C3 Hydrocarbons
- Active Metal: Palladium (Pd)
- Activity: High Activity For C3 Hydrogenation
- Particle Size: Narrow Particle Size Distribution
- Regenerability: Can Be Regenerated Multiple Times Without Significant Loss Of Activity
- Highlight: **35°C H₂ catalyst, 35°C hydrogenation catalyst, C3 H₂ catalyst**

Product Description

Product Description:

One of the key features of this hydrogenation catalyst is its high surface area, which allows for efficient catalytic activity. This is due to the support material used in the catalyst, which is aluminum oxide (Al₂O₃). This support material has excellent thermal stability and can withstand high temperatures without degrading, making it an ideal choice for use in hydrogenation catalysts.

The C3 Selective Hydrogenation Catalyst is a reliable choice for applications that require high selectivity for C3 hydrogenation. This catalyst has been extensively tested and has a proven track record of delivering consistent results. Additionally, the narrow particle size distribution of the catalyst ensures that it is easy to handle and use, reducing the risk of errors or inconsistencies during the hydrogenation process.

Overall, the C3 Selective Hydrogenation Catalyst is an excellent choice for anyone looking for a high-performance hydrogenation catalyst that delivers exceptional results. With its spherical shape, high surface area, and narrow particle size distribution, this catalyst is designed to provide consistent performance and reliable results. Whether you are working in the chemical industry or are conducting research in a laboratory setting, the C3 Selective Hydrogenation Catalyst is a great choice for your hydrogenation needs.

Technical Parameters:

Particle Size	Narrow Particle Size Distribution
Application	Selective Hydrogenation Of C3 Hydrocarbons
Surface Area	High Surface Area For Efficient Catalytic Activity
Pore Size	Uniform Pore Size Distribution
Shape	Spherical
Stability	Excellent Stability Under Harsh Conditions
Operating Temperature	30-35°C
Selectivity	High Selectivity C3 Hydrogenation
Active Metal	Palladium (Pd)
Catalyst Type	Supported Metal Catalyst

Applications:

The C3 Selective Hydrogenation Catalyst is specifically designed for the selective hydrogenation of C3 hydrocarbons. This catalyst is highly effective at selectively hydrogenating C3 hydrocarbons, with a high propene selectivity. This makes it an ideal catalyst for a variety of applications.

The C3 Selective Hydrogenation Catalyst is suitable for use in a wide range of scenarios. It is commonly used in the petrochemical industry, where it is used in the production of a variety of products, including polypropylene, which is used in the production of a wide range of consumer goods. It is also commonly used in the production of synthetic rubbers, where it is used to selectively hydrogenate butadiene to produce isoprene.

One of the key benefits of the C3 Selective Hydrogenation Catalyst is its regenerability. This catalyst can be regenerated multiple times without significant loss of activity, making it a cost-effective solution for a variety of applications. Its high surface area also means that it can be used in smaller quantities, further reducing costs.

Overall, the C3 Selective Hydrogenation Catalyst is a versatile and highly effective catalyst for the selective hydrogenation of C3 hydrocarbons. Its high propene selectivity and narrow particle size distribution make it an ideal solution for a wide range of applications, including the production of polypropylene and synthetic rubbers. Its regenerability and efficient catalytic activity make it a cost-effective solution for businesses looking to reduce costs without compromising on quality.

Support and Services:

The C3 Selective Hydrogenation Catalyst is a high-performance product that offers excellent selectivity and activity for the hydrogenation of acetylenes in C3 streams. It is designed to provide reliable and efficient performance in a variety of applications, including the production of polyethylene and polypropylene.

Our technical support team is available to assist with any questions or issues related to the use of this product. We offer a range of services to help our customers optimize performance, including catalyst testing, process development, and catalyst monitoring and maintenance.

Our experienced team of engineers and chemists can provide customized solutions to meet your specific needs and ensure that your production processes run smoothly and efficiently. We are committed to delivering high-quality products and services that meet the needs of our customers and help them achieve their business goals.

Packing and Shipping:

Product Name: C3 Selective Hydrogenation Catalyst

Package Contents: 1 bottle of catalyst (1kg)

Product Description: The C3 Selective Hydrogenation Catalyst is a high-performance catalyst used in the production of propylene. It is designed to selectively hydrogenate acetylene and dienes in a stream of C3 and C4 hydrocarbons, leaving the valuable olefins

untouched. The resulting product is a high-purity propylene suitable for a wide range of industrial applications.

Shipping Information:

Shipping Method: Ground Shipping

Shipping Carrier: FedEx

Estimated Delivery Time: 3-5 business days

Shipping Cost: \$50

Please handle the product with care and store in a cool, dry place away from direct sunlight.



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