



100-200 M2/G Surface Area Hydrogen Palladium Catalyst / Pd Al₂O₃ Catalyst

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: C8/C9 Hydrogenation Catalyst
- Model Number: KMH-08



Product Specification

- Particle Size: 1-3 Mm
- Application: Selective Hydrogenation Of C8/C9 Hydrocarbons
- Promoter: Aluminum Oxide (Al₂O₃)
- Surface Area: 100-200 M2/g
- Active Component: Palladium (Pd)
- Pore Volume: 0.3-0.5 Cm³/g
- Appearance: Dark Gray To Black Solid
- Highlight: **surface area hydrogen palladium catalyst,
palladium pd al₂o₃ catalyst,
al₂o₃ hydrogen palladium catalyst**

Product Description

Product Description:

The C8/C9 Hydrogenation Catalyst has a high pore volume of 0.3-0.5 Cm³/g, which allows for effective diffusion of reactants and products. Additionally, the surface area of the catalyst is in the range of 100-200 M²/g, which provides a large active surface area for the reaction to take place. These properties make the catalyst highly effective for selective hydrogenation of C8/C9 hydrocarbons.

The selective hydrogenation of C8/C9 hydrocarbons is an important process in the petrochemical industry, as it allows for the removal of impurities that can affect the quality of the final product. The C8/C9 Hydrogenation Catalyst is specifically designed to target C8/C9 hydrocarbons, making it a highly specialized and effective catalyst for this application.

In comparison to other hydrogenation catalysts such as nickel (Ni) based catalysts, the C8/C9 Hydrogenation Catalyst offers superior selectivity and stability. The use of palladium (Pd) as the active component ensures that the catalyst remains stable and selective, even under harsh reaction conditions.

Overall, the C8/C9 Hydrogenation Catalyst is a highly efficient and effective catalyst for selective hydrogenation of C8/C9 hydrocarbons. Its unique composition, including a palladium (Pd) active component and an aluminum oxide (Al₂O₃) promoter, along with its high pore volume and large surface area, make it a superior choice compared to other hydrogenation catalysts.

Technical Parameters:

Active Component	Palladium (Pd)
Surface Area	100-200 M ² /g
Application	Selective Hydrogenation Of C8/C9 Hydrocarbons
Pore Volume	0.3-0.5 Cm ³ /g
Particle Size	1-3 Mm
Promoter	Aluminum Oxide (Al ₂ O ₃)
Appearance	Dark Gray To Black Solid

This Hydrogenation Catalyst contains Pd as the active component and is used for the selective hydrogenation of C8/C9 hydrocarbons. Its surface area is between 100-200 M²/g and has a pore volume of 0.3-0.5 Cm³/g. The particle size ranges from 1-3 mm and it is promoted with Aluminum Oxide (Al₂O₃). Its appearance is a dark gray to black solid.

Applications:

The C8/C9 Hydrogenation Catalyst is widely used in chemical processing industries, such as the production of phenylacetylene. It is a valuable catalyst that supports the hydrogenation process by increasing the rate of reaction and improving the selectivity of the products. This catalyst is an excellent choice for various hydrogenation applications due to its high selectivity and high activity. It can be used for various scenarios, including batch or continuous processing, and it performs well in a wide range of conditions.

The C8/C9 Hydrogenation Catalyst is ideal for industries that require high-performance catalysts, including the petrochemical, fine chemical, and pharmaceutical industries. It is an essential component in many chemical processes and is known for its outstanding performance, reliability, and versatility.

In conclusion, the C8/C9 Hydrogenation Catalyst is an excellent product that provides solutions for a wide range of applications. Its active component, Palladium (Pd), along with its promoter, Aluminum Oxide (Al₂O₃), makes it a highly effective catalyst for hydrogenation processes. Its use is not limited to any particular industry, and it can be used for a wide range of scenarios, making it a valuable investment for any company that requires high-performance catalysts.

Customization:

Our Product Customization Services for the C8/C9 Hydrogenation Catalyst (Model Number: KMH-08) include:

Brand Name: C8/C9 Hydrogenation Catalyst

Place of Origin: CHINA

Surface Area: 100-200 M²/g

Active Component: Palladium (Pd)

Promoter: Aluminum Oxide (Al₂O₃)

Application: Selective Hydrogenation Of C8/C9 Hydrocarbons

Pore Volume: 0.3-0.5 Cm³/g

Our Hydrogenation Catalyst (C8/C9) is made with high-quality Palladium (Pd) and Aluminum Oxide (Al₂O₃) as a promoter. With a surface area of 100-200 M²/g and pore volume of 0.3-0.5 Cm³/g, it is optimized for the selective hydrogenation of C8/C9 hydrocarbons. Our product is proudly manufactured in CHINA and can be customized to meet your exact needs.

Support and Services:

The C8/C9 Hydrogenation Catalyst is a high-performance catalyst designed for selective hydrogenation of C8 and C9 aromatics in reformat streams. The catalyst provides excellent activity, selectivity, and stability, enabling customers to achieve high yields of desirable products.

Our technical support team provides comprehensive support to customers throughout the catalyst lifecycle, from catalyst selection to start-up and operation. Our services include:

Catalyst selection and optimization
Process simulation and modeling
Catalyst loading and start-up support
Ongoing technical support and troubleshooting
Catalyst regeneration and replacement
We also offer a range of analytical services to help customers monitor catalyst performance and optimize their processes:
Catalyst characterization
Reactor monitoring and analysis
Product analysis
Process optimization

Our goal is to help customers achieve the best possible performance from their C8/C9 Hydrogenation Catalyst, and to ensure the long-term success of their operations.

Packing and Shipping:

Product Packaging:

The C8/C9 Hydrogenation Catalyst product is packaged in 500g and 1kg sealed aluminum bags.

The bags are then placed in a sturdy cardboard box with cushioning materials to prevent damage during shipping.

Shipping:

The C8/C9 Hydrogenation Catalyst product is shipped via air or sea freight, depending on the customer's preference.

All shipments are accompanied by a Material Safety Data Sheet (MSDS) and a Certificate of Analysis (COA).

Shipping costs are calculated based on the destination and the weight of the shipment.



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