



Dark Gray To Black Solid Low Temperature Hydrogenation Catalyst With Aluminum Oxide Promoter

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
- Appearance: Dark Gray To Black Solid
- Surface Area: 100-200 M2/g
- Active Component: Palladium (Pd)
- Application: Selective Hydrogenation Of C8/C9 Hydrocarbons
- Promoter: Aluminum Oxide (Al₂O₃)
- Pore Volume: 0.3-0.5 Cm³/g
- Highlight: **gray hydrogenation catalyst,**
gray hydrogenation process catalyst,
black hydrogenation catalyst

Product Description

Product Description:

One of the most important features of the C8/C9 Hydrogenation Catalyst is its high pore volume of 0.3-0.5 cm³/g. This gives it a large surface area of 100-200 m²/g, which allows for better contact between the reactants and the catalyst. The high surface area also means that the catalyst has a higher catalytic activity, leading to faster reaction rates.

The aluminum oxide (Al₂O₃) promoter used in the C8/C9 Hydrogenation Catalyst offers several benefits. Firstly, it helps to stabilize the Ni active component, preventing it from agglomerating and losing its activity. The promoter also helps to improve the selectivity of the catalyst, ensuring that the desired product is produced in high yields. Additionally, the high purity of the promoter ensures that there are no impurities that could affect the quality of the final product.

The C8/C9 Hydrogenation Catalyst is a crucial component in the production of high-quality C8/C9 hydrocarbons. Its high catalytic activity and selectivity ensure that the desired product is produced in high yields, while the high pore volume and surface area ensure that the reaction rates are fast. The use of Ni as the active component, supported on a high purity aluminum oxide (Al₂O₃) promoter, makes the C8/C9 Hydrogenation Catalyst a reliable and efficient solution for any hydrogenation process.

Technical Parameters:

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

Applications:

The C8/C9 Hydrogenation Catalyst is designed for use in a variety of application occasions and scenarios where selective hydrogenation is required. One of the key benefits of this catalyst is its particle size, which ranges from 1-3 mm. This allows for greater efficiency in the hydrogenation process, as well as a reduction in waste.

The C8/C9 Hydrogenation Catalyst is a versatile product that can be used in a range of industries, including petrochemicals, refining, and chemical production. It is particularly useful in the production of high-octane gasoline, as well as in the removal of impurities from hydrocarbons.

The C8/C9 Hydrogenation Catalyst contains a promoter of aluminum oxide (Al₂O₃), which helps to increase the efficiency of the hydrogenation process. This promoter also helps to improve the selectivity of the catalyst, making it a valuable tool in the production of high-quality hydrocarbons.

In conclusion, the C8/C9 Hydrogenation Catalyst is a reliable and effective product that is suitable for a wide range of application occasions and scenarios. Its active component of Palladium (Pd) makes it an ideal choice for the selective hydrogenation of C8/C9 hydrocarbons, while the inclusion of aluminum oxide (Al₂O₃) as a promoter helps to improve its efficiency and selectivity. With its particle size of 1-3 mm, this catalyst is an excellent choice for those looking for a product that is both efficient and environmentally friendly.

Customization:

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

Customized Branding for C8/C9 Hydrogenation Catalyst

Personalized Appearance options in Dark Gray to Black Solid

Alternative Active Component choices such as Ni

Bespoke Surface Area specifications ranging from 100-200 M²/g

Customized Pore Volume options between 0.3-0.5 Cm³/g

Application-focused solutions for Selective Hydrogenation of C8/C9 Hydrocarbons

Support and Services:

The C8/C9 Hydrogenation Catalyst is a high-performance catalyst designed to provide superior selectivity for hydrogenation reactions. It offers excellent activity and stability, making it an ideal choice for a wide range of applications.

Our technical support and services for this product include:

Expert technical advice on catalyst selection and optimization

Process troubleshooting and optimization

On-site technical assistance for start-up and commissioning

Training programs for catalyst handling, storage, and regeneration

Customized catalyst testing and evaluation services

Our team of experienced professionals is dedicated to ensuring that our customers receive the highest level of support and service possible. Contact us today to learn more about our C8/C9 Hydrogenation Catalyst and how we can help you achieve your process goals.

Packing and Shipping:

Product Packaging:

The C8/C9 Hydrogenation Catalyst will be packaged in a 25kg drum.

The drum will be sealed and labeled with product information, including the product name, batch number, and expiration date.

Shipping:

The C8/C9 Hydrogenation Catalyst will be shipped via standard ground transportation.

The drum will be securely packed and labeled with proper shipping information and handling instructions.

Customers will receive a shipping confirmation and tracking number once the product has been shipped.



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