C8/C9 Nickel Palladium Catalyst For Hydrogenation In Plastic Industry

Our Product Introduction

Basic Information

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

Product Specification

- Application: Selective Hydrogenation Of C8/C9 Hydrocarbons
- Surface Area: 100-200 M2/g
- Appearance: Dark Gray To Black Solid
- Active Component: Palladium (Pd)
- Particle Size: 1-3 Mm
- Promoter: Aluminum Oxide (Al2O3)
- Pore Volume: 0.3-0.5 Cm3/g
- Highlight: **c9 nickel palladium catalyst**, **c8 nickel catalyst**, **c8 nickel palladium catalyst**

Product Description

Product Description:

This catalyst is designed with a pore volume of 0.3-0.5 cm3/g, which ensures high activity and selectivity during the hydrogenation process. The use of Palladium (Pd) as the active component ensures that the catalyst can withstand even the most challenging hydrogenation conditions. Additionally, the use of Aluminum Oxide (Al2O3) as the promoter ensures that the catalyst has excellent stability and long service life.
The C8/C9 Hydrogenation Catalyst is specifically designed for the selective hydrogenation of C8/C9 hydrocarbons. With its high activity and selectivity, this catalyst can effectively convert C8/C9 hydrocarbons into valuable products, such as Ni and other high-quality chemicals.
Overall, the C8/C9 Hydrogenation Catalyst is an excellent choice for those looking for a reliable and efficient catalyst for the selective hydrogenation of C8/C9 hydrocarbons. With its high activity, selectivity, and stability, this catalyst is sure to meet the needs of even the most demanding hydrogenation applications.

Technical Parameters:

Particle Size	1-3 mm
Surface Area	100-200 m2/g
Promoter	Aluminum Oxide (Al2O3)
Active Component	Palladium (Pd)
Pore Volume	0.3-0.5 cm3/g
Application	Selective Hydrogenation Of C8/C9 Hydrocarbons
Appearance	Dark Gray To Black Solid

Applications:

The C8/C9 Hydrogenation Catalyst KMH-08 is a high-quality catalyst product originating from China. It has a particle size of 1-3 mm and a surface area of 100-200 m2/g, making it perfect for various hydrogenation applications. The catalyst contains Aluminum Oxide (Al2O3) as a promoter and has a dark gray to black solid appearance.
The C8/C9 Hydrogenation Catalyst KMH-08 can be used in a variety of scenarios, such as:
Refining and petrochemical industries: This catalyst is useful for hydrogenation reactions in refining and petrochemical industries. It can help with the production of high-quality fuels and chemicals.
Pharmaceutical industry: The C8/C9 Hydrogenation Catalyst KMH-08 is a useful tool for the pharmaceutical industry, as it can be used in the synthesis of various drugs and pharmaceuticals.
Food industry: This catalyst can be used in the food industry for the production of edible oils and fats. It can also be used in the hydrogenation of glucose to produce sorbitol, which is used as a sweetener in various food products.
The C8/C9 Hydrogenation Catalyst KMH-08 has a pore volume of 0.3-0.5 cm3/g, which makes it suitable for various hydrogenation processes. The product can be used in fixed bed reactors, fluidized bed reactors, and other types of hydrogenation reactors.
In conclusion, the C8/C9 Hydrogenation Catalyst KMH-08 is a versatile and reliable hydrogenation catalyst that can be used in various industries and applications. Its high-quality attributes, such as its particle size, surface area, and pore volume, make it an ideal choice for hydrogenation reactions. So, if you are looking for a high-quality catalyst for your hydrogenation needs, the C8/C9 Hydrogenation Catalyst KMH-08 is an excellent choice.

Customization:

Our Product Customization Services for the C8/C9 Hydrogenation Catalyst (Model Number: KMH-08) include:
Customized packaging options
Adjustments to Pore Volume (0.3-0.5 Cm3/g) to meet specific requirements
Customization of Particle Size (1-3 Mm) to optimize performance
Modification of Active Component (Palladium (Pd)) levels to suit varying reaction conditions
Changes to Surface Area (100-200 M2/g) for improved performance in specific applications
Our C8/C9 Hydrogenation Catalyst (Place of Origin: CHINA) is a highly efficient catalyst that is ideal for hydrogenation reactions, including the hydrogenation of phenylacetylene. The catalyst contains Palladium (Pd) as the active component and has a dark gray to black solid appearance.
The catalyst's Pore Volume and Particle Size can be customized to ensure optimal performance in specific applications, while the Surface Area can be adjusted to improve efficiency. Our team of experts can also modify the Active Component levels to suit varying reaction conditions.
In addition to our customization services, we offer technical support and assistance to ensure that our customers get the most out of their C8/C9 Hydrogenation Catalyst. Our catalyst is a reliable and cost-effective alternative to Ni-based catalysts commonly used in hydrogenation reactions.

Support and Services:

The C8/C9 Hydrogenation Catalyst is designed to provide high activity for the selective hydrogenation of C8 and C9 diolefins in pyrolysis gasoline (Pygas) streams. Its unique combination of active metals and support materials ensures that it has excellent selectivity for the removal of diolefins while minimizing the saturation of olefins. Our technical support and services for this product include:

On-site technical assistance

Performance evaluation and optimization

Process troubleshooting

Customized catalyst design and development

Regeneration and recycling services

Our team of experts has extensive experience in the design and optimization of hydrogenation catalysts for a wide range of applications. We work closely with our customers to understand their specific needs and provide customized solutions to meet their requirements. Contact us to learn more about our C8/C9 Hydrogenation Catalyst and how we can help optimize your process.

Packing and Shipping:

Product Packaging:

1 kg plastic container

5 kg plastic container

25 kg plastic drum

50 kg steel drum

Shipping:

Shipped in sealed containers.

Containers are labeled with product name, weight, and hazard symbols.

Containers are packed in a secure and stable manner to prevent damage during transportation.

Shipped via land, sea or air transportation.

Complies with international regulations for the transportation of hazardous goods.

Qingdao Junyao Catalyst New Material Technology Co., Ltd.

+8618254266810 jycat@qdjunyao.com.cn jyalumcatalyst.com