



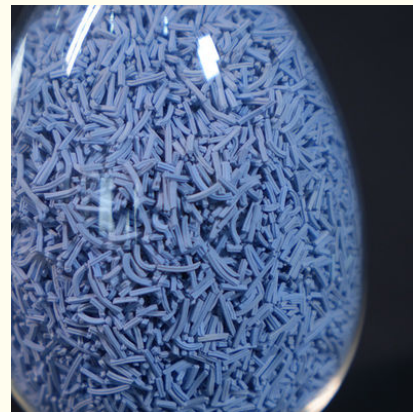
## Dark Gray Aluminum Oxide Promoted Palladium Hydrogenation Catalyst 1-3 Mm Particle Size

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

- Active Component: Palladium (Pd)
- Application: Selective Hydrogenation Of C8/C9 Hydrocarbons
- Appearance: Dark Gray To Black Solid
- Pore Volume: 0.3-0.5 Cm3/g
- Promoter: Aluminum Oxide (Al<sub>2</sub>O<sub>3</sub>)
- Particle Size: 1-3 Mm
- Surface Area: 100-200 M2/g
- Highlight: **palladium hydrogenation catalyst,**  
**gray hydrogenation catalyst,**  
**gray palladium hydrogenation**

## Product Description

### Product Description:

In addition to Palladium (Pd), this hydrogenation catalyst also contains Aluminum Oxide (Al<sub>2</sub>O<sub>3</sub>) as a promoter. Aluminum Oxide (Al<sub>2</sub>O<sub>3</sub>) enhances the thermal stability and mechanical strength of the catalyst, allowing it to withstand harsh operating conditions. The combination of Palladium (Pd) and Aluminum Oxide (Al<sub>2</sub>O<sub>3</sub>) ensures optimal performance and long-term stability of the catalyst. The C8/C9 Hydrogenation Catalyst product is specifically designed for selective hydrogenation of C8/C9 hydrocarbons, which are commonly found in petroleum refining and chemical processing industries. The catalyst particle size ranges from 1-3 mm, making it suitable for use in fixed-bed reactors. The pore volume of the catalyst is 0.3-0.5 cm<sup>3</sup>/g, providing ample surface area for the reactants to interact with the active component.

With its superior hydrogenation properties, the C8/C9 Hydrogenation Catalyst product is an excellent choice for industrial applications that require high selectivity and efficiency. Whether you are performing catalytic reforming, hydrocracking, or hydrotreating, this catalyst can help you achieve optimal results. Additionally, the use of Palladium (Pd) as the active component ensures that the catalyst is highly resistant to deactivation by contaminants such as Ni.

### Features:

Product Name: C8/C9 Hydrogenation Catalyst

Promoter: Aluminum Oxide (Al<sub>2</sub>O<sub>3</sub>)

Application: Selective Hydrogenation Of C8/C9 Hydrocarbons

Appearance: Dark Gray To Black Solid

Pore Volume: 0.3-0.5 Cm<sup>3</sup>/g

Active Component: Palladium (Pd)

This catalyst is specifically designed for the selective hydrogenation of C8/C9 hydrocarbons, such as phenylacetylene, using palladium (Pd) as the active component. The dark gray to black solid appearance and pore volume of 0.3-0.5 Cm<sup>3</sup>/g make it an effective and efficient choice for this application.

### Technical Parameters:

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

### Applications:

This catalyst is ideal for various occasions and scenarios. It can be used in the chemical industry for the production of styrene and cyclohexene. In particular, it can be used to selectively hydrogenate phenylacetylene to styrene in the presence of other unsaturated hydrocarbons. Additionally, it can be used in the petroleum industry to produce high-quality gasoline.

The C8/C9 Hydrogenation Catalyst provides high selectivity, activity, and stability, making it ideal for various applications. It is particularly useful for the production of high-quality gasoline and can be used in the refining process to remove impurities and improve the quality of the final product. It can also be used in the production of fine chemicals, such as pharmaceuticals and agrochemicals.

Overall, the C8/C9 Hydrogenation Catalyst is a versatile and effective product that can be used in various occasions and scenarios. Its combination of Palladium (Pd) and Aluminum Oxide (Al<sub>2</sub>O<sub>3</sub>) gives it high selectivity and activity, making it ideal for selective hydrogenation of C8/C9 hydrocarbons, including phenylacetylene. Whether you are in the chemical or petroleum industry, or producing fine chemicals, the C8/C9 Hydrogenation Catalyst is an excellent choice.

### Customization:

Our Hydrogenation Catalyst is ideal for the selective hydrogenation of C8/C9 hydrocarbons. With our product customization services, we can tailor the Hydrogenation Catalyst to meet your specific needs and requirements.

### Packing and Shipping:

#### Product Packaging:

1 kg plastic canisters

5 kg plastic canisters

25 kg plastic bags

500 kg wooden pallets

**Shipping:**

Shipping available worldwide

Shipped via air, sea or land transport

Shipping costs calculated based on location and quantity

Please contact us for shipping inquiries



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