



Aluminum Oxide Promoted Hydrogen Palladium Catalyst For Phenylacetylene Hydrogenation

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

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

Product Description

Product Description:

The C8/C9 Hydrogenation Catalyst is a unique product that is highly effective in hydrogenating unsaturated C8 and C9 hydrocarbons. The active component, Palladium (Pd), is a highly reactive metal that is known for its excellent catalytic properties. This makes the C8/C9 Hydrogenation Catalyst an ideal choice for selective hydrogenation of C8/C9 hydrocarbons.

The C8/C9 Hydrogenation Catalyst is also known for its high pore volume of 0.3-0.5 cm³/g. This makes it an excellent choice for selective hydrogenation of C8/C9 hydrocarbons because it allows for a higher degree of contact between the reactants and the catalyst. This, in turn, leads to a more efficient reaction and higher selectivity.

The particle size of the C8/C9 Hydrogenation Catalyst ranges from 1-3 mm. This particle size is ideal for selective hydrogenation of C8/C9 hydrocarbons because it provides a large surface area for the reaction to take place. This leads to a higher degree of contact between the catalyst and the reactants, which, in turn, leads to a more efficient reaction.

The C8/C9 Hydrogenation Catalyst has a dark gray to black solid appearance. This appearance is due to the presence of the active component, Palladium (Pd), which gives the catalyst its unique color. This appearance also makes it easy to identify the C8/C9 Hydrogenation Catalyst during the manufacturing process.

In summary, the C8/C9 Hydrogenation Catalyst is a highly effective catalyst that is designed for selective hydrogenation of C8/C9 hydrocarbons. It is formulated with an active component of Palladium (Pd) and has a pore volume of 0.3-0.5 cm³/g. The particle size ranges from 1-3 mm and has a dark gray to black solid appearance. If you are looking for a high-performance hydrogenation catalyst for your C8/C9 hydrocarbon applications, then the C8/C9 Hydrogenation Catalyst is the perfect choice.

Features:

Product Name: C8/C9 Hydrogenation Catalyst
Appearance: Dark Gray To Black Solid
Pore Volume: 0.3-0.5 Cm³/g
Surface Area: 100-200 M²/g
Promoter: Aluminum Oxide (Al₂O₃)
Particle Size: 1-3 Mm
Contains Pd and Ni
Used as a Hydrogenation Catalyst

Technical Parameters:

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

Applications:

The C8/C9 Hydrogenation Catalyst (Model Number: KMH-08) is a product originating from China, that is used for the selective hydrogenation of C8/C9 hydrocarbons. The active component in this catalyst is Palladium (Pd), which is supported by Aluminum Oxide (Al₂O₃) as a promoter.

This catalyst has a particle size of 1-3 mm and a pore volume of 0.3-0.5 cm³/g, which makes it highly effective for hydrogenation reactions. Its application is particularly useful in the removal of phenylacetylene from C8/C9 hydrocarbons, which is an important process in the production of high-purity chemicals such as styrene and cyclooctene.

The C8/C9 Hydrogenation Catalyst is widely used in the petrochemical industry, where it is employed in the production of various chemicals such as synthetic rubber, plastics, and resins. It is also used in the refining of crude oil, where it helps to remove impurities from C8/C9 hydrocarbons.

Some of the potential application occasions and scenarios for the C8/C9 Hydrogenation Catalyst include:

- Hydrogenation of C8/C9 hydrocarbons to remove phenylacetylene impurities during the production of high-purity chemicals such as styrene and cyclooctene.
- Refining of crude oil to remove impurities from C8/C9 hydrocarbons.
- Production of synthetic rubber, plastics, and resins in the petrochemical industry.

Overall, the C8/C9 Hydrogenation Catalyst (Model Number: KMH-08) is a highly effective and versatile catalyst that can be used in a wide range of applications and scenarios in the petrochemical industry. Its unique combination of active components, particle size, and pore volume make it particularly effective for the selective hydrogenation of C8/C9 hydrocarbons, making it an essential tool for the production of high-purity chemicals and other products.

Packing and Shipping:

Product Packaging:

The C8/C9 Hydrogenation Catalyst product is packed in 5 kg sealed bags.

Each bag is then placed in a cardboard box with proper labeling.

The boxes are stacked on pallets and wrapped securely with plastic wrap for safe transportation.

Shipping:

The C8/C9 Hydrogenation Catalyst product is shipped via air or sea freight depending on the destination.

Proper documentation including MSDS and COA are provided for customs clearance.

The product is delivered to the customer's specified location within the agreed timeframe.



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