Dark Gray To Black Precious Metal Catalyst With Large Surface Area Palladium Catalyst 100-200 M2/G

Our Product Introduction

Basic Information

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

Product Specification

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

Product Description

Product Description:

One of the key features of this catalyst is its high surface area of 100-200 m2/g, which enables it to provide a large active surface area for chemical reactions. This is coupled with a particle size of 1-3 mm, which provides excellent handling properties and good fluidization characteristics.
The C8/C9 Hydrogenation Catalyst also has a high pore volume of 0.3-0.5 cm3/g, which enhances its ability to adsorb reactant molecules and ensure efficient contact between the reactants and the active component. The active component of this catalyst is Palladium (Pd), which is known for its exceptional selectivity and activity in hydrogenation reactions.
This catalyst is designed to provide excellent selectivity for the hydrogenation of C8/C9 hydrocarbons, allowing for the production of high-quality products with minimal by-products. The use of Palladium (Pd) as the active component ensures high conversion rates and long catalyst lifetimes, resulting in cost-effective and efficient production processes.
The C8/C9 Hydrogenation Catalyst is widely used in the production of fine chemicals such as phenylacetylene. Phenylacetylene is a key intermediate in the production of various chemicals such as pharmaceuticals, agrochemicals, and fragrances. The use of this catalyst ensures high yields of phenylacetylene with excellent purity and minimal impurities.
In summary, the C8/C9 Hydrogenation Catalyst is a highly effective catalyst that is widely used in the selective hydrogenation of C8/C9 hydrocarbons in various industrial processes. Its high surface area, particle size, and pore volume, coupled with the use of Palladium (Pd) as the active component, ensure excellent selectivity, activity, and long catalyst lifetimes. This catalyst is an ideal choice for the production of fine chemicals such as phenylacetylene, providing high yields of high-quality products with minimal by-products.

Features:

Product Name: C8/C9 Hydrogenation Catalyst
Appearance: Dark Gray To Black Solid
Active Component: Palladium (Pd)
Application: Selective Hydrogenation Of C8/C9 Hydrocarbons
Particle Size: 1-3 Mm
Pore Volume: 0.3-0.5 Cm3/g

Technical Parameters:

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

This Hydrogenation Catalyst is suitable for selective hydrogenation of C8/C9 Hydrocarbons, including phenylacetylene.

Applications:

The C8/C9 Hydrogenation Catalyst has a dark gray to black solid appearance and a surface area of 100-200 M2/g. These attributes make it an excellent choice for various applications, including the refining of petroleum products and the production of chemicals. This catalyst is also suitable for use in the automotive industry, particularly in the production of high-performance fuels.
The C8/C9 Hydrogenation Catalyst is designed to be highly effective in the selective hydrogenation of C8/C9 hydrocarbons. This means that it is capable of converting unsaturated hydrocarbons into saturated hydrocarbons without affecting other components of the feedstock. This makes it an ideal choice for use in the production of high-quality fuels and other chemical products.
The C8/C9 Hydrogenation Catalyst is a superior product when compared to other hydrogenation catalysts available in the market. It has been extensively tested and proven to be highly effective in various applications. This catalyst is highly compatible with other metals such as Nickel (Ni) and can be used in combination with other catalysts to achieve even better results.
In conclusion, the C8/C9 Hydrogenation Catalyst is a top-quality product that is suitable for use in various applications. Its active component, Palladium (Pd), and promoter, Aluminum Oxide (Al2O3), make it highly effective in the selective hydrogenation of C8/C9 hydrocarbons. Its dark gray to black solid appearance and surface area of 100-200 M2/g make it an excellent choice for the production of high-quality fuels and other chemical products. This catalyst is highly recommended for use in the petroleum, chemical, and automotive industries.

Customization:

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Model Number: KMH-08
Place of Origin: CHINA
Active Component: Palladium (Pd)

Particle Size: 1-3 Mm
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Appearance: Dark Gray To Black Solid
Pore Volume: 0.3-0.5 Cm3/g

Packing and Shipping:

Product Packaging:
1kg sealed aluminum foil bag
Multiple bags per cardboard box
Custom packaging available upon request
Shipping:
Ships via air or sea
International shipping available
Customs clearance and handling fees may apply
Shipping cost calculated based on destination and weight

Qingdao Junyao Catalyst New Material Technology Co., Ltd.

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