Aluminum Oxide Promoted C8/C9 Hydrogenation Catalyst 100-200 M2/g Surface Area

Our Product Introduction

Basic Information

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

Product Specification

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

Product Description

Product Description:

This catalyst contains Pd and Ni as active metals, which are well known for their high activity and selectivity in hydrogenation reactions. The presence of these metals allows for the selective hydrogenation of C8/C9 hydrocarbons while leaving other hydrocarbons untouched. This makes it an ideal catalyst for the production of high-quality gasoline and other petroleum products.
The aluminum oxide (Al2O3) promoter provides additional stability to the catalyst, ensuring its longevity and effectiveness. The high surface area of the catalyst ensures that there is plenty of active surface area for the catalytic reaction to take place, while the small particle size ensures that the catalyst is easily dispersed and evenly distributed throughout the reaction mixture.
The C8/C9 Hydrogenation Catalyst is a highly effective catalyst that is widely used in the petroleum industry for the production of high-quality gasoline and other petroleum products. Its unique combination of Pd, Ni, and Al2O3 makes it one of the most efficient and effective hydrogenation catalysts on the market today.

Features:

Product Name: C8/C9 Hydrogenation Catalyst

Promoter: Aluminum Oxide (Al2O3)

Pore Volume: 0.3-0.5 Cm3/g

Surface Area: 100-200 M2/g

Appearance: Dark Gray To Black Solid

Particle Size: 1-3 Mm

This product is a C8/C9 hydrogenation catalyst, containing Pd. It is promoted by Aluminum Oxide (Al2O3) and has a pore volume of 0.3-0.5 cm3/g and a surface area of 100-200 m2/g. The appearance of the catalyst is a dark gray to black solid, with a particle size of 1-3 mm.

Technical Parameters:

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

Applications:

Application in the Petrochemical Industry: The C8/C9 Hydrogenation Catalyst is widely used in the petrochemical industry for the selective hydrogenation of C8/C9 hydrocarbons. This process involves the removal of unsaturated hydrocarbons such as phenylacetylene from the hydrocarbon stream. The product has a high selectivity towards these unsaturated hydrocarbons, making it an ideal choice for this application.
Application in the Chemical Industry: The C8/C9 Hydrogenation Catalyst can also be used in the chemical industry for various hydrogenation reactions. It is particularly useful for the selective hydrogenation of C8/C9 hydrocarbons, as it ensures a high degree of selectivity and efficiency. The product's pore volume of 0.3-0.5 cm3/g and particle size of 1-3 mm make it suitable for use in fixed-bed reactors.
Application in the Pharmaceutical Industry: The C8/C9 Hydrogenation Catalyst can be used in the pharmaceutical industry for the hydrogenation of various intermediates and APIs. Its selectivity towards unsaturated hydrocarbons such as phenylacetylene makes it a valuable tool in the synthesis of certain pharmaceuticals. The product's particle size of 1-3 mm makes it suitable for use in batch reactors.
Application in the Food Industry: The C8/C9 Hydrogenation Catalyst can be used in the food industry for the hydrogenation of various edible oils. The product's high selectivity towards unsaturated hydrocarbons ensures that the hydrogenation process is efficient and produces high-quality, stable oils. Its pore volume of 0.3-0.5 cm3/g makes it suitable for use in continuous reactors.
In conclusion, the C8/C9 Hydrogenation Catalyst KMH-08 is a versatile product that can be used in a variety of application occasions and scenarios. Its active component, Palladium (Pd), and promoter, Aluminum Oxide (Al2O3), make it a highly selective and efficient catalyst for the selective hydrogenation of C8/C9 hydrocarbons. Its pore volume of 0.3-0.5 cm3/g and particle size of 1-3 mm make it suitable for use in a range of reactors, from fixed-bed to continuous.

Customization:

Our Product Customization Services for the C8/C9 Hydrogenation Catalyst (Model Number: KMH-08) from CHINA are designed to meet your specific needs and requirements. Our dark gray to black solid Hydrogenation Catalyst is an excellent choice for the selective hydrogenation of C8/C9 Hydrocarbons. With a particle size of 1-3 mm and a pore volume of 0.3-0.5 cm3/g, our Catalyst is highly efficient and reliable.
The Catalyst is made with Pd and Ni and has a surface area of 100-200 m2/g, providing exceptional performance and durability. Our team of experts can customize the product to your exact specifications, ensuring that it meets your specific needs and requirements.

Whether you need to adjust the particle size or pore volume, we can help you create a customized solution that meets your unique needs.

Packing and Shipping:

Product Packaging:
The C8/C9 Hydrogenation Catalyst product is packaged in a 25 kg steel drum.
The drum is lined with a polyethylene bag to prevent any contamination.
The drum is sealed with a lid to ensure the product remains secure during shipping.
Shipping:
The C8/C9 Hydrogenation Catalyst product is shipped via truck or sea freight.
The product is classified as non-hazardous for transportation.
The product should be stored in a cool, dry place away from direct sunlight and sources of heat.
Shipping and handling fees may vary depending on the destination and mode of transportation.

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