



C8/C9 Hydrogenation Catalyst with Palladium and Aluminum Oxide

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: C8/C9 Hydrogenation Catalyst
- Packaging Details: Customer demand, drum or ton pack.



Product Specification

- Surface Area: 100-200 M2/g
- Appearance: Blue Granule
- Application: Selective Hydrogenation Of C8/C9 Hydrocarbons
- Active Component: Palladium (Pd)
- Thermal Stability: High
- Particle Size: 1-3 Mm
- Promoter: Aluminum Oxide (Al₂O₃)
- Regenerability: Good
- Highlight: **C8/C9 hydrogenation palladium catalyst, aluminum oxide hydrogenation catalyst, palladium C8/C9 catalyst for hydrogenation**

Product Description

Product Description:

The C8/C9 Hydrogenation Catalyst is a highly efficient catalyst designed for the selective hydrogenation of C8/C9 hydrocarbons. With a particle size ranging from 1-3 mm, this catalyst is specially formulated to provide excellent performance in the targeted application. One of the key features of this catalyst is its surface area, which falls within the range of 100-200 m²/g. This optimal surface area allows for enhanced catalytic activity, ensuring high conversion rates and selectivity in the hydrogenation process.

The C8/C9 Hydrogenation Catalyst is known for its good regenerability, making it a cost-effective and sustainable choice for industrial applications. Its regenerability ensures a longer catalyst lifespan and consistent performance over time, resulting in reduced operational costs and increased efficiency.

Visually, the catalyst presents itself as blue granules, providing easy identification and handling during industrial processes. The distinct appearance of the catalyst facilitates its integration into existing production setups and ensures seamless operation.

Utilizing nickel (Ni) as the active component, the C8/C9 Hydrogenation Catalyst offers superior catalytic properties for the selective hydrogenation of C8/C9 hydrocarbons. This catalyst is specifically tailored to efficiently convert phenylacetylene and other relevant compounds, resulting in high yields and purity of desired products.

Features:

Product Name: C8/C9 Hydrogenation Catalyst

Promoter: Aluminum Oxide (Al₂O₃)

Particle Size: 1-3 mm

Thermal Stability: High

Regenerability: Good

Surface Area: 100-200 M²/g

Technical Parameters:

Surface Area	100-200 M ² /g
Active Component	Palladium (Pd)
Particle Size	1-3 mm
Pore Volume	0.3-0.5 cm ³ /g
Regenerability	Good
Thermal Stability	High
Application	Selective Hydrogenation of C8/C9 Hydrocarbons
Appearance	Blue Granule
Promoter	Aluminum Oxide (Al ₂ O ₃)

Applications:

The C8/C9 Hydrogenation Catalyst is an exceptionally effective catalyst employed in hydrogenation processes across various industries. Known for its superior performance and high quality, this catalyst finds widespread application in multiple settings.

Petrochemical Industry: The C8/C9 Hydrogenation Catalyst is frequently utilized in the petrochemical sector for the hydrogenation of C8 and C9 hydrocarbons. Its efficiency in catalyzing reactions involving nickel (Ni) and hydrogen makes it a vital component in the production of various petrochemical products.

Refinery Operations: Within refinery operations, this catalyst is crucial for hydrogenating heavy fractions to produce high-quality fuels and refined products. Its excellent regenerability and high thermal stability ensure reliable performance in challenging refinery environments.

Chemical Manufacturing: In the chemical manufacturing sector, the C8/C9 Hydrogenation Catalyst is used for precise and efficient hydrogenation reactions. Its distinctive blue granular appearance, combined with aluminum oxide (Al₂O₃) as a promoter, enhances both the catalyst's surface area and overall effectiveness.

Specialty Chemicals Production: Industries focused on producing specialty chemicals benefit from this catalyst for hydrogenation processes requiring specific surface area characteristics. With a surface area of 100-200 m²/g, the C8/C9 Hydrogenation Catalyst is well-suited for a diverse array of specialty chemical applications.

Originating from China, the C8/C9 Hydrogenation Catalyst is available in various packaging options, including custom requests, drums, or ton packs. This versatility and convenience make it an ideal choice for users in different sectors. Whether for large-scale industrial operations or smaller chemical processes, this catalyst consistently delivers reliable performance and quality results.

Customization:

Product Customization Services for the C8/C9 Hydrogenation Catalyst:

Brand Name: C8/C9 Hydrogenation Catalyst

Place of Origin: CHINA

Packaging Details: Customer demand, drum or ton pack.
Promoter: Aluminum Oxide (Al₂O₃)
Regenerability: Good
Appearance: Blue Granule
Thermal Stability: High
Pore Volume: 0.3-0.5 Cm³/g

FAQ:

Q: What is the brand name of this hydrogenation catalyst?

A: The brand name of this catalyst is C8/C9 Hydrogenation Catalyst.

Q: Where is this catalyst manufactured?

A: This catalyst is manufactured in China.

Q: What are the packaging details available for this product?

A: The packaging details can be customized based on customer demand, typically available in drum or ton pack.

Q: Is this catalyst suitable for industrial hydrogenation processes?

A: Yes, this catalyst is designed for industrial hydrogenation processes.

Q: Can this catalyst be used for food-grade hydrogenation applications?

A: This catalyst is not recommended for food-grade hydrogenation applications.



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