C8/C9 Hydrogenation Catalyst with Palladium for Selective Hydrocarbons

Our Product Introduction

Basic Information

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

Product Specification

- Pore Volume: 0.3-0.5 Cm3/g
- Particle Size: 1-3 Mm
- Application: Selective Hydrogenation Of C8/C9 Hydrocarbons
- Regenerability: Good
- Thermal Stability: High
- Surface Area: 100-200 M2/g
- Appearance: Blue Granule
- Active Component: Palladium (Pd)
- Highlight: **C8/C9 hydrogenation palladium catalyst**, **selective hydrocarbon hydrogenation catalyst**, **palladium-based C8/C9 catalyst**

Product Description

Product Description:

The C8/C9 Hydrogenation Catalyst is an exceptionally efficient catalyst specifically designed for the hydrogenation of phenylacetylene compounds. Featuring a surface area of 100 to 200 m^2/g, this catalyst provides a large active surface area for effective catalytic reactions. Its high thermal stability ensures reliable performance even under elevated temperatures.
With a particle size ranging from 1 to 3 mm, this catalyst is well-suited for various industrial hydrogenation processes. Its distinctive blue granule appearance facilitates easy handling and identification in both laboratory and production environments.
A key component of this catalyst is the promoter aluminum oxide (Al_2O_3), which boosts its catalytic activity and selectivity. This promoter is essential for enhancing the overall performance of the catalyst in the hydrogenation of phenylacetylene and similar compounds.
When utilized in hydrogenation reactions, the C8/C9 Hydrogenation Catalyst shows remarkable efficiency in converting phenylacetylene into the desired products. Its specialized design and composition make it a dependable choice for industrial processes that require precise control of hydrogenation reactions.
In conclusion, the C8/C9 Hydrogenation Catalyst is a versatile and high-performance solution suitable for a variety of applications involving phenylacetylene hydrogenation. Its unique features, including high thermal stability, optimal surface area, and effective promoter composition, make it an invaluable asset for chemical synthesis and production processes.

Features:

Product Name: C8/C9 Hydrogenation Catalyst
Application: Selective Hydrogenation Of C8/C9 Hydrocarbons
Particle Size: 1-3 Mm
Active Component: Palladium (Pd)
Surface Area: 100-200 M2/g
Promoter: Aluminum Oxide (Al2O3)

Technical Parameters:

Particle Size	1-3 mm
Surface Area	100-200 m^2/g
Thermal Stability	High
Appearance	Blue Granule
Active Component	Palladium (Pd)
Regenerability	Good
Application	Selective Hydrogenation Of C8/C9 Hydrocarbons
Promoter	Aluminum Oxide (Al2O3)
Pore Volume	0.3-0.5 cm^3/g

Applications:

The C8/C9 Hydrogenation Catalyst is a high-quality product originating from China, designed for various industrial applications. This catalyst is widely used in the hydrogenation processes of C8/C9 compounds, offering exceptional performance and reliability.
With a main active component of Palladium (Pd) and Aluminum Oxide (Al2O3) as a promoter, this catalyst demonstrates excellent regenerability, making it a cost-effective choice for long-term use. The pore volume ranges from 0.3 to 0.5 cm3/g, providing efficient surface area for catalytic reactions.
The C8/C9 Hydrogenation Catalyst is ideal for applications where high thermal stability is required, ensuring consistent performance even under extreme operating conditions. It can be packaged according to customer demand, in drums or ton packs, offering flexibility and convenience.
Common product application occasions for the C8/C9 Hydrogenation Catalyst include the hydrogenation of C8/C9 compounds in petrochemical refineries, chemical processing plants, and other industrial settings. Its versatility and effectiveness make it a valuable asset in producing high-quality end products.
Whether used in batch processes or continuous operations, the C8/C9 Hydrogenation Catalyst delivers superior results, thanks to its well-balanced composition and robust design. Its compatibility with various reaction conditions and feedstocks make it a top choice for catalyzing hydrogenation reactions involving C8/C9 compounds.
In conclusion, the C8/C9 Hydrogenation Catalyst stands out as a reliable and efficient catalyst for a wide range of applications, offering exceptional performance, regenerability, and thermal stability. Its composition and packaging options make it a versatile solution for industries seeking high-quality catalytic products.

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.
Application: Selective Hydrogenation Of C8/C9 Hydrocarbons
Regenerability: Good
Promoter: Aluminum Oxide (Al_2O_3)
Appearance: Blue Granule
Particle Size: 1-3 Mm

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: The C8/C9 Hydrogenation Catalyst is manufactured in China.
Q: How is the C8/C9 Hydrogenation Catalyst packaged?
A: The packaging details for this catalyst vary based on customer demand and can be provided in drums or ton packs.
Q: Can the packaging of this catalyst be customized?
A: Yes, the packaging details of the C8/C9 Hydrogenation Catalyst can be customized to meet specific customer requirements.
Q: What are the typical applications of the C8/C9 Hydrogenation Catalyst?
A: The C8/C9 Hydrogenation Catalyst is commonly used in various hydrogenation processes in the chemical industry to facilitate specific chemical reactions.

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