



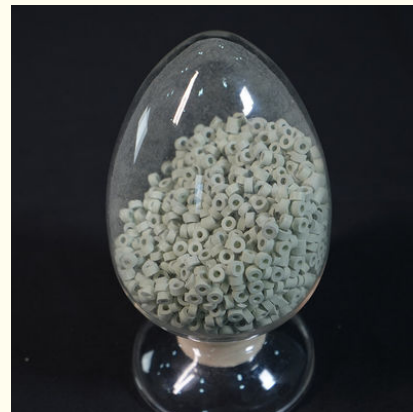
High Pressure Precious Metal Hydrogenation Catalyst / 1-10 MPa h₂ catalyst

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: C4/C5 Hydrogenation Catalyst
- Model Number: KMH-04/05



Product Specification

- Bulk Density: 0.65-0.75 G/cm³
- Support Material: Alumina Or Silica-alumina
- Active Component: Pd, Pt, Ni, Or Co
- Catalyst Lifespan: ≥ 3 Years
- Particle Size: 1.5-3.0 Mm
- Pore Diameter: 30-80 Å
- Pore Volume: ≥ 0.35 ML/g
- Operating Pressure: 1-10 MPa
- Highlight: **metal hydrogenation catalyst,
Precious hydrogenation catalyst**

Product Description

Product Description:

This catalyst is particularly useful for the hydrogenation of C4/C5 alkyne to recover butene. The conversion of alkyne to butene using this catalyst occurs through the catalytic hydrogenation process. The catalyst facilitates the addition of hydrogen to the alkyne molecule, leading to the formation of butene. The reaction is exothermic, and the catalyst provides the necessary surface for the reaction to occur. The C4/C5 Hydrogenation Catalyst is a highly effective tool that can be used in a range of applications. Its unique properties make it ideal for use in the petrochemical industry, where it is used for the production of a range of chemicals. The catalyst is also used in the production of synthetic materials and the conversion of alkyne to butene in the production of fuels.

The C4/C5 Hydrogenation Catalyst is a reliable and efficient catalyst that is widely used in the petrochemical industry. Its unique properties make it a popular choice for a wide range of applications. Its high pore volume and surface area ensure that it provides a large surface area for the catalytic reaction to occur. The support material content ensures that the catalyst is stable and durable, even under harsh conditions.

In conclusion, the C4/C5 Hydrogenation Catalyst is an essential tool for the petrochemical industry. Its ability to convert alkyne to recover butene makes it an invaluable tool in the production of a wide range of chemicals and fuels. The catalyst is highly effective, reliable, and efficient, making it an excellent choice for a wide range of applications. Its unique properties ensure that it provides a large surface area for the catalytic reaction to occur, and its support material content ensures that it is stable and durable under harsh conditions.

Technical Parameters:

Technical Parameter	Value
Hydrogenation Selectivity	≥ 95%
Active Component Loading	≥ 2 Wt%
Catalyst Lifespan	≥ 3 Years
Particle Size	1.5-3.0 Mm
Operating Pressure	1-10 MPa
Pore Diameter	30-80 Å
Bulk Density	0.65-0.75 G/cm ³
Surface Area	≥ 150 M ² /g
Appearance	Gray Or Black Cylindrical Particles
Support Material	Alumina Or Silica-alumina

The C4/C5 Hydrogenation Catalyst product is a saturation hydrogenation catalyst used for alkyne to recover butene and butadiene removal.

Applications:

The C4/C5 Hydrogenation Catalyst is specifically designed to convert alkyne to recover butene in various application occasions and scenarios. It can be used in the petrochemical industry for the production of plastics, synthetic rubber, and other chemical products that require the use of C4/C5 chemicals. The catalyst can also be used in the upgrading of gasoline and diesel fuels to improve their quality and ensure compliance with environmental regulations.

The high selectivity of this catalyst, which is at least 95%, makes it an excellent choice for use in the production of butene. The C4/C5 Hydrogenation Catalyst is highly effective in eliminating impurities and converting alkyne to recover butene, thereby ensuring high-quality product output.

The C4/C5 Hydrogenation Catalyst is ideal for use in the refining of crude oil, as well as in the production of chemicals that require the use of C4/C5 compounds. It is also widely used in the production of butadiene, a key ingredient in the manufacture of synthetic rubber. Additionally, this catalyst is suitable for use in the hydrogenation of various organic compounds to produce highly pure and refined products.

In conclusion, the C4/C5 Hydrogenation Catalyst is an essential product for any organization that is involved in the production of chemicals, fuels, or other products that require the use of C4/C5 compounds. Its high selectivity and efficiency make it an ideal choice for the conversion of alkyne to recover butene, ensuring that high-quality products are produced consistently.

Customization:

- Brand Name: C4/C5 Hydrogenation Catalyst
- Model Number: KMH-04/05
- Place of Origin: CHINA
- Catalyst Lifespan: ≥ 3 Years
- Bulk Density: 0.65-0.75 G/cm³
- Pore Diameter: 30-80 Å
- Pore Volume: ≥ 0.35 ML/g
- Support Material Content: ≥ 90 Wt%

Our C4/C5 Hydrogenation Catalyst can be customized to meet your specific needs for butadiene removal and alkyne to recover butene. Trust us for high-quality solutions to your C4/C5 hydrogenation needs.

Support and Services:

The C4/C5 Hydrogenation Catalyst is a high-performance product that offers reliable and efficient hydrogenation of C4 and C5 streams. Our product technical support team is available to provide assistance with any technical queries or issues that you may encounter. Our services also include:

Consultancy on catalyst selection and optimization

On-site technical support and troubleshooting

Catalyst testing and analysis

Customized catalyst formulation

Product training and education

We are committed to providing our customers with the best possible technical support and services to ensure optimal performance and efficiency of our C4/C5 Hydrogenation Catalyst. Contact us today for more information or to speak with one of our technical support representatives.

Packing and Shipping:

Product Packaging:

25 kg plastic drums

50 kg steel drums

1000 kg bulk bags

Shipping:

By sea: 20' or 40' containers

By air: air freight

By road: trucking



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