



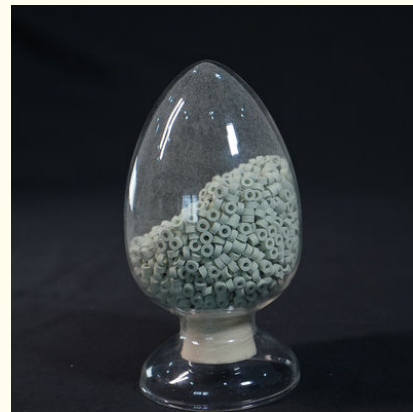
Advanced 0.65-0.75 G/Cm3 Bulk Density C4/C5 Hydrogenation Reaction Catalyst For Pressure From 1 To 10 MPa

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
- Catalyst Lifespan: ≥ 3 Years
- Surface Area: ≥ 150 M2/g
- Hydrogenation Selectivity: $\geq 95\%$
- Operating Pressure: 1-10 MPa
- Operating Temperature: 150-250°C
- Pore Diameter: 30-80 Å
- Active Component Loading: ≥ 2 Wt%
- Highlight: c5 hydrogenation reaction catalyst,
c4 hydrogenation catalyst,
c4 hydrogenation reaction catalyst

Product Description

Product Description:

The C4/C5 Hydrogenation Catalyst has a long lifespan, with a minimum of 3 years, making it a cost-effective solution for industrial applications. It can operate at a temperature range of 150-250°C and an operating pressure of 1-10 MPa, making it highly versatile and adaptable to different process conditions.

The catalyst is highly effective in removing butadiene, a highly reactive and undesirable compound found in C4 and C5 streams. The catalytic process involves the use of hydrogen gas, which reacts with butadiene to form a more stable compound, eliminating the risk of undesirable reactions and improving the quality of the final product.

The C4/C5 Hydrogenation Catalyst is a reliable and efficient solution for the purification of C4 and C5 streams. Its high-quality support material and pore volume ensure a high surface area for maximum catalytic activity, while its long lifespan and versatility make it a cost-effective choice for industrial applications. It is an essential tool for any petrochemical industry looking to improve the quality of its products by removing butadiene.

Technical Parameters:

Product Name	C4/C5 Hydrogenation Catalyst
Active Component	Pd, Pt, Ni, or Co
Support Material	Alumina or Silica-alumina
Surface Area	≥ 150 M2/g
Bulk Density	0.65-0.75 G/cm3
Support Material Content	≥ 90 Wt%
Active Component Loading	≥ 2 Wt%
Hydrogenation Selectivity	≥ 95%
Appearance	Gray or Black Cylindrical Particles
Operating Pressure	1-10 MPa
Pore Volume	≥ 0.35 ML/g

This hydrogenation catalyst is suitable for C4/C5 streams and is effective in removing butadiene.

Applications:

The C4/C5 Hydrogenation Catalyst has exceptional hydrogenation selectivity with a rate of ≥ 95%, which makes it suitable for selective hydrogenation of C4 and C5 olefins in various industrial applications. Its bulk density of 0.65-0.75 g/cm3 makes it easy to handle and transport, while its operating temperature range of 150-250°C ensures consistent performance in different environments.

The C4/C5 Hydrogenation Catalyst has a pore volume of ≥ 0.35 ML/g, which makes it highly efficient in the removal of impurities from various feedstocks. This catalyst is widely used in the production of gasoline, diesel, and other chemicals such as propylene and butene. Its exceptional performance makes it an ideal choice for companies involved in the production of these products.

The C4/C5 Hydrogenation Catalyst is suitable for use in various product application occasions and scenarios. It can be used in the refining of crude oil, the production of petrochemicals, and the manufacture of specialty chemicals. This catalyst is particularly useful in the selective hydrogenation of C4 and C5 olefins in the production of high-quality gasoline and diesel.

In conclusion, the C4/C5 Hydrogenation Catalyst is an exceptional product that delivers efficient and reliable performance in various industrial applications. Its exceptional hydrogenation selectivity, bulk density, operating temperature range, and pore volume make it a top choice for companies involved in the production of petrochemicals and other chemicals. If you are looking for a high-quality Hydrogenation Catalyst, then the C4/C5 Hydrogenation Catalyst is the perfect choice for you.

Customization:

Our product customization services for the C4/C5 Hydrogenation Catalyst include:

Brand Name: C4/C5 Hydrogenation Catalyst

Model Number: KMH-04/05

Place of Origin: CHINA

Hydrogenation Selectivity: ≥ 95%

Pore Diameter: 30-80 Å

Bulk Density: 0.65-0.75 G/cm3

Support Material: Alumina Or Silica-alumina

Operating Pressure: 1-10 MPa

Our C4/C5 Hydrogenation Catalyst is designed to be a highly effective saturation hydrogenation catalyst. It offers excellent selectivity with a minimum hydrogenation selectivity of 95%. This makes it ideal for a range of applications, including butadiene removal and alkyne to recover butene conversions.

Support and Services:

The C4/C5 Hydrogenation Catalyst is designed to offer superior performance in the hydrogenation of C4 and C5 olefins, leading to an increase in yield and selectivity. Our technical support team is available to provide expert guidance on catalyst selection, usage, and optimization to ensure optimal performance and efficiency. Additionally, we offer a range of services including catalyst testing, analysis, and regeneration to help extend catalyst life and minimize downtime. Contact us to learn more.

Packing and Shipping:

Product Packaging:

The C4/C5 Hydrogenation Catalyst product will be packaged in a 25kg metal drum.

The drum will be securely sealed to prevent any leakage or damage during transportation.

The product label will be affixed to the drum and will include important product information such as batch number, manufacturing date, and expiry date.

Shipping:

The C4/C5 Hydrogenation Catalyst product will be shipped via ground or air transportation.

The shipping method will be chosen based on customer preference and delivery timeline.

All necessary regulations and requirements for the safe transportation of the product will be met.

The shipping package will be clearly labeled with all necessary information including product name, destination address, and handling instructions.



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