



1.5-3.0 Mm Gray Or Black Hydrogenation Catalyst With 30-80 Å Pore

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

- Appearance: Gray Or Black Cylindrical Particles
- Operating Temperature: 150-250°C
- Hydrogenation Selectivity: $\geq 95\%$
- Catalyst Lifespan: ≥ 3 Years
- Active Component Loading: ≥ 2 Wt%
- Pore Diameter: 30-80 Å
- Support Material: Alumina Or Silica-alumina
- Operating Pressure: 1-10 MPa
- Highlight: **black hydrogenation catalyst,**
gray hydrogenation catalyst,
gray hydrogenation reaction catalyst

Product Description

Product Description:

The hydrogenation selectivity of the C4/C5 Hydrogenation Catalyst is $\geq 95\%$, which ensures a high yield of the desired product. Additionally, the operating temperature of the catalyst is 150-250°C, which is ideal for many industrial processes. The support material of the C4/C5 Hydrogenation Catalyst is either alumina or silica-alumina, both of which provide excellent stability and activity. The active component of the catalyst can be Pd, Pt, Ni, or Co, depending on the specific application. Overall, the C4/C5 Hydrogenation Catalyst is an excellent choice for any industrial process that requires the selective hydrogenation of olefins in C4-C5 cuts. Its high selectivity, operating temperature range, and support material options make it a versatile and reliable catalyst for a wide range of applications.

Technical Parameters:

Technical Parameter	Value
Hydrogenation Selectivity	$\geq 95\%$
Active Component	Pd, Pt, Ni, Or Co
Operating Pressure	1-10 MPa
Pore Volume	≥ 0.35 ML/g
Catalyst Lifespan	≥ 3 Years
Surface Area	≥ 150 M ² /g
Support Material	Alumina Or Silica-alumina
Operating Temperature	150-250°C
Particle Size	1.5-3.0 Mm
Appearance	Gray Or Black Cylindrical Particles

This catalyst is suitable for use as a saturation hydrogenation catalyst to recover butene from alkyne.

Applications:

One of the primary uses for the C4/C5 Hydrogenation Catalyst is in the recovery of butene from C4/C5 streams. By hydrogenating the alkyne to recover butene, this catalyst helps to improve the efficiency and profitability of a variety of processes in the chemical industry. Its high pore volume of ≥ 0.35 ML/g and support material content of ≥ 90 Wt% make it an excellent choice for this application. In addition to its use in butene recovery, the C4/C5 Hydrogenation Catalyst is also suitable for a range of other hydrogenation reactions. Its active component and support materials make it a versatile choice for use in petrochemicals, pharmaceuticals, and other industries where hydrogenation is a critical process.

Overall, the C4/C5 Hydrogenation Catalyst is an excellent choice for anyone looking for a reliable and efficient hydrogenation catalyst. Whether you're working in the chemical industry or another industry that requires hydrogenation, this catalyst is sure to deliver the results you need. So why wait? Try the C4/C5 Hydrogenation Catalyst today and see the difference for yourself!

Customization:

Our product, the C4/C5 Hydrogenation Catalyst (Model Number: KMH-04/05), is a highly effective solution for hydrogenation reactions and butadiene removal in the C4/C5 streams. Our catalyst is manufactured in China and is made up of gray or black cylindrical particles with a support material content of over 90 wt%. The active component of our catalyst can be Pd, Pt, Ni, or Co, and it has a pore diameter of 30-80 Å. The active component loading of our catalyst is also over 2 wt%, ensuring high performance in various applications.

Support and Services:

The C4/C5 Hydrogenation Catalyst product offers technical support and services to ensure optimal performance and efficiency. Our team of experts provides assistance with catalyst selection, installation, and operation to meet your specific needs.

We also offer catalyst regeneration and replacement services to maintain and extend the life of your catalyst. Our comprehensive support and services help to minimize downtime and maximize the performance of your hydrogenation process.

Packing and Shipping:

Product Packaging:

The C4/C5 Hydrogenation Catalyst product will be packaged in a sealed, airtight container to prevent any contamination or moisture from affecting the quality of the product.

The container will be made of high-quality, durable materials to ensure that the product is protected during transportation and storage.

The container will be labeled with the product name, batch number, manufacturing date, and expiration date for easy identification and traceability.

Shipping:

The C4/C5 Hydrogenation Catalyst product will be shipped in compliance with all relevant safety and transportation regulations. The product will be packed securely in a sturdy outer box with appropriate cushioning to prevent any damage during shipping. The shipping label will clearly indicate the contents of the package, the destination address, and any special handling instructions. The product will be shipped via a reputable carrier that offers reliable and timely delivery services.

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