



Cu Zno Al₂O₃ Catalyst Hydroxyl Groups On Alumina Carrier With Pore Volume 0.8-1.2 Cm³/G

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: Long Chain Alkane Dehydrogenation Alumina Carrier
- Model Number: KML-100



Product Specification

- Particle Size: 2 Mm
- Surface Hydroxyl Groups: High Concentration Of Surface Hydroxyl Groups
- Application: Catalyst For Dehydrogenation Of Long Chain Alkanes
- Pore Volume: 0.8-1.2 Cm³/g
- Bulk Density: 0.3-0.4 G/cm³
- Alumina Content: More Than 99%
- Pore Size: 10-15nm
- Surface Area: 150-170 M²/g
- Highlight: **cu zno al₂o₃ catalyst hydroxyl, al₂o₃ alumina carrier, hydroxyl alumina carrier**

Product Description

Product Description:

One of the key features of this product is its high bulk density, which ranges between 0.3-0.4 G/cm³. This density ensures that the catalyst can withstand the high temperatures and pressures that are required during the dehydrogenation process. Additionally, the product has a low moisture content, which is less than 1%, making it highly stable and resistant to moisture-induced degradation. The Long Chain Alkane Dehydrogenation Alumina Carrier product has a unique pore size distribution, with pores ranging from 10-15nm. This feature is critical for the efficient diffusion of reactant molecules into and out of the catalyst particles, which is necessary for the dehydrogenation process to occur. The product also has a high surface area, ranging from 150-170 M²/g, which provides a large surface area for the reactant molecules to interact with the catalyst surface.

Furthermore, the Long Chain Alkane Dehydrogenation Alumina Carrier product has a high pore volume, ranging from 0.8-1.2 Cm³/g. This feature is essential for maximizing the number of active sites available for the dehydrogenation reaction to occur. The combination of these features makes this product highly effective in promoting the dehydrogenation of long chain alkanes, leading to higher yields of desired products.

In conclusion, our Long Chain Alkane Dehydrogenation Alumina Carrier product is an excellent choice for any petrochemical industry that seeks a reliable and efficient catalyst for the dehydrogenation of long chain alkanes. Its unique combination of features, including high bulk density, low moisture content, unique pore size distribution, high surface area, and high pore volume, makes it highly effective in promoting the desired reaction. Trust us to provide you with the best quality catalyst for your dehydrogenation needs.

Technical Parameters:

Bulk Density	0.3-0.4 G/cm ³
Thermal Stability	Up To 1000°C
Alumina Content	More Than 99%
Moisture Content	Less Than 1%
Pore Volume	0.8-1.2 Cm ³ /g
Pore Size	10-15nm
Surface Hydroxyl Groups	High Concentration Of Surface Hydroxyl Groups
Particle Size	2 Mm
Surface Area	150-170 M ² /g
Application	Catalyst For Dehydrogenation Of Long Chain Alkanes

Applications:

One of the key features of this product is its excellent moisture control. With a moisture content of less than 1%, the Long Chain Alkane Dehydrogenation Alumina Carrier is able to provide consistent and reliable performance in a wide range of settings. Additionally, the product's unique pore size of 10-15nm ensures excellent surface area and activity, making it a highly effective catalyst for dehydrogenation reactions.

Thanks to its high alumina content of more than 99%, the Long Chain Alkane Dehydrogenation Alumina Carrier is able to provide exceptional stability and durability, even under the most demanding conditions. This makes it an ideal choice for use in a variety of industrial settings, including petrochemical plants, refineries, and chemical production facilities.

Overall, the Long Chain Alkane Dehydrogenation Alumina Carrier is a versatile and effective catalyst that is well-suited for a wide range of applications. Whether you are working with drip ball reactors, oil columns, or other industrial equipment, this product is sure to meet your needs and exceed your expectations.

Customization:

Long Chain Alkane Dehydrogenation Alumina Carrier(Model Number: KML-100), is a top-of-the-line solution for your needs. Made in **CHINA**, it has a surface area of 150-170 M²/g and bulk density of 0.3-0.4 G/cm³. It also boasts a thermal stability of up to 1000°C, making it perfect for use in oil ammonia columns. Additionally, it contains a high concentration of surface hydroxyl groups and has a moisture content of less than 1%.

Support and Services:

Our Long Chain Alkane Dehydrogenation Alumina Carrier product is a high-quality catalyst that can be used in the production of various chemicals through dehydrogenation reactions. We offer technical support and services to help our customers optimize their processes and achieve optimal results with our product. Our team of experts can assist with catalyst selection, process design, and troubleshooting to ensure that our customers get the most out of our product. Additionally, we offer testing and analysis services to help our customers evaluate the performance of our product and identify any areas for improvement. Contact us to learn more about our technical support and services.

Packing and Shipping:

Product Name: Long Chain Alkane Dehydrogenation Alumina Carrier

Package Includes: 1 bottle of Long Chain Alkane Dehydrogenation Alumina Carrier

Package Size: 500 grams

Shipping Method: Standard Shipping

Shipping Cost: \$10.00

Estimated Delivery Time: 3-5 business days



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