



Surface Area And Hydroxyl Groups Of Long Chain Alkane Dehydrogenation Catalyst Alumina Carrier 10-15nm

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

- Surface Hydroxyl Groups: High Concentration Of Surface Hydroxyl Groups
- Surface Area: 150-170 M2/g
- Application: Catalyst For Dehydrogenation Of Long Chain Alkanes
- Moisture Content: Less Than 1%
- Pore Size: 10-15nm
- Pore Volume: 0.8-1.2 Cm3/g
- Thermal Stability: Up To 1000°C
- Particle Size: 2 Mm
- Highlight: **hydroxyl alumina carrier,**
hydroxyl dehydrogenation catalyst,
dehydrogenation alumina carrier

Product Description

Product Description:

Our Long Chain Alkane Dehydrogenation Alumina Carrier product has a moisture content of less than 1%, which ensures that it maintains its integrity and performance even in humid environments.

The pore size of this product is 10-15nm, which provides an excellent oil column for efficient dehydrogenation of long chain alkane. This feature ensures that the product delivers reliable performance, even in extreme environments.

In addition, our Long Chain Alkane Dehydrogenation Alumina Carrier product has a high concentration of surface hydroxyl groups, which provides an excellent catalytic surface for efficient conversion of long chain alkane. This feature ensures that the product delivers reliable performance, even in extreme environments.

The surface area of this product is 150-170 M2/g, which provides an excellent surface for efficient catalytic reactions. This feature ensures that the product delivers reliable performance, even in extreme environments.

Our Long Chain Alkane Dehydrogenation Alumina Carrier product is highly recommended for use in various industrial applications, such as refining, chemical manufacturing, and petrochemical processing. With its exceptional thermal stability, low moisture content, and high concentration of surface hydroxyl groups, our product provides excellent performance and reliability.

Technical Parameters:

Technical Parameter	Value
Moisture Content	Less Than 1%
Surface Hydroxyl Groups	High Concentration Of Surface Hydroxyl Groups
Bulk Density	0.3-0.4 G/cm3
Application	Catalyst For Dehydrogenation Of Long Chain Alkanes
Particle Size	2 Mm
Thermal Stability	Up To 1000°C
Catalytic Activity	High Selectivity And Conversion Rate
Pore Volume	0.8-1.2 Cm3/g
Surface Area	150-170 M2/g
Alumina Content	More Than 99%

Applications:

The Long Chain Alkane Dehydrogenation Alumina Carrier is commonly used in dehydrogenation processes. In these processes, it acts as a catalyst to help remove hydrogen from long chain alkanes, converting them into valuable products such as olefins. This product is particularly effective in dehydrogenation reactions because of its high surface area and thermal stability, which allow for efficient and controlled reactions.

Another common application for this product is in drip ball and oil column processes. In these processes, the Long Chain Alkane Dehydrogenation Alumina Carrier is used as a support material for the catalyst, which is dripped into a reaction vessel or packed into a column. The alumina carrier provides a stable and inert support for the catalyst, allowing for efficient and effective reactions.

The Long Chain Alkane Dehydrogenation Alumina Carrier is commonly used in the petrochemical industry, where it is used to produce a variety of valuable chemicals and materials. It is also used in the production of polymers, plastics, and other materials that require a high degree of control over the reaction process.

Overall, the Long Chain Alkane Dehydrogenation Alumina Carrier is a versatile and effective product that can be used in a variety of applications. Its high surface area, thermal stability, and pore size make it an excellent choice for dehydrogenation reactions, drip ball processes, and oil column processes. If you are looking for a high-quality alumina carrier for your process, the Long Chain Alkane Dehydrogenation Alumina Carrier is an excellent choice.

Support and Services:

Our Long Chain Alkane Dehydrogenation Alumina Carrier product is designed to provide high catalytic activity and selectivity in the dehydrogenation of long chain alkanes. The product is manufactured using advanced technology and has been optimized to provide superior performance in a wide range of industrial applications.

We offer comprehensive technical support and services to ensure that our customers get the most out of their Long Chain Alkane Dehydrogenation Alumina Carrier product. Our team of experts is available to provide guidance on product selection, process optimization, and troubleshooting. We also offer on-site technical support and training to help our customers maximize the performance of their equipment and processes.

In addition to our technical support services, we offer a range of value-added services to help our customers improve their overall efficiency and productivity. These services include product customization, lab testing, and pilot plant trials to help our customers optimize their processes and achieve their production goals.

Packing and Shipping:

Product Name: Long Chain Alkane Dehydrogenation Alumina Carrier
Package Contents: 1 kg
Package Dimensions: 10 x 10 x 10 cm
Shipping Weight: 1.2 kg
Shipping Dimensions: 12 x 12 x 12 cm
Shipping Method: Standard Shipping
Shipping Cost: Free



Qingdao Junyao Catalyst New Material Technology Co., Ltd.



+8618254266810



jycat@qdjunyao.com.cn



jyalumcatalyst.com