Surface Hydroxyl Groups Alumina Carrier For Long Chain Alkane Dehydrogenation Catalyst

Our Product Introduction

Basic Information

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

Product Specification

- Alumina Content: More Than 99%
- Bulk Density: 0.3-0.4 G/cm3
- Moisture Content: Less Than 1%
- Pore Size: 10-15nm
- Thermal Stability: Up To 1000°C
- Particle Size: 2 Mm
- Surface Hydroxyl Groups: High Concentration Of Surface Hydroxyl Groups
- Application: Catalyst For Dehydrogenation Of Long Chain Alkanes
- Highlight: **hydroxyl alumina carrier**, **hydroxyl dehydrogenation catalyst**, **dehydrogenation alumina carrier**

Product Description

Product Description:

One of the key features of this product is its large surface area, which is typically around 150-170 M2/g. This allows for a greater number of active sites on the catalyst surface, which in turn leads to increased catalytic activity and greater efficiency in a wide range of applications.
In addition to its large surface area, the Long Chain Alkane Dehydrogenation Alumina Carrier product also boasts a pore size of 10-15nm. This is an important attribute because it allows for greater access to the active sites on the catalyst surface, which can further enhance its catalytic activity and overall performance.
The particle size of this product is also an important consideration, with a typical size of 2 mm. This makes it easy to handle and use in a variety of different applications, including in oil ammonia columns and drip balls.
Finally, the Long Chain Alkane Dehydrogenation Alumina Carrier product also has a pore volume of 0.8-1.2 cm3/g. This means that it is able to hold a considerable amount of reactant materials, which can help to further enhance its overall performance and efficiency.
Overall, the Long Chain Alkane Dehydrogenation Alumina Carrier product is an excellent choice for anyone looking for a high-quality and effective catalyst. Whether you are working in the oil and gas industry, or in other industrial applications, this product is sure to provide you with the results you need.

Technical Parameters:

Particle Size	2 mm
Moisture Content	Less than 1%
Bulk Density	0.3-0.4 g/cm3
Alumina Content	More than 99%
Surface Area	150-170 m2/g
Thermal Stability	Up to 1000°C
Surface Hydroxyl Groups	High concentration of surface hydroxyl groups
Pore Size	10-15 nm
Pore Volume	0.8-1.2 cm3/g
Application	Catalyst for dehydrogenation of long chain alkanes

Applications:

The Long Chain Alkane Dehydrogenation Alumina Carrier is particularly useful in the process of Drip Ball, where it can be used to catalyze the dehydrogenation of long chain alkanes. This process is commonly used in the production of olefins, which are important building blocks for many chemical products.
Other potential applications for this product include the reforming of hydrocarbons and the production of hydrogen. Its more than 99% alumina content and bulk density of 0.3-0.4 g/cm3 make it a durable and reliable option for these processes.
The Long Chain Alkane Dehydrogenation Alumina Carrier also boasts a pore size of 10-15nm, which allows for optimized diffusion and reaction rates. This makes it ideal for scenarios where precise control over reaction parameters is necessary.
Overall, the Long Chain Alkane Dehydrogenation Alumina Carrier, model KML-100, is a top-of-the-line option for those looking to optimize their chemical processes. Its unique combination of particle size, surface hydroxyl groups, and alumina content make it an ideal choice for applications such as Drip Ball and dehydrogenation.

Customization:

Brand Name: Long Chain Alkane Dehydrogenation Alumina Carrier
Model Number: KML-100
Place of Origin: CHINA
Alumina Content: More Than 99%
Catalytic Activity: High Selectivity And Conversion Rate
Surface Area: 150-170 M2/g
Thermal Stability: Up To 1000°C
Application: Catalyst For Dehydrogenation Of Long Chain Alkanes
This product is a highly efficient catalyst for the dehydrogenation of long chain alkanes. It features a drip ball shape and a high selectivity and conversion rate, making it ideal for use in a variety of applications. Its high alumina content (more than 99%) and large surface area (150-170 M2/g) ensure excellent thermal stability (up to 1000°C) and long-lasting performance. If you require any customization services, please don't hesitate to contact us.

Support and Services:

Our Long Chain Alkane Dehydrogenation Alumina Carrier product is designed to meet the specific needs of our clients, providing them

with top-of-the-line technical support and services. Our team of experts is available to help with any questions or concerns that may arise during the use of the product. We offer comprehensive product training and troubleshooting assistance to ensure that our clients are able to achieve optimal results. Additionally, we provide ongoing support to help our clients adapt to changes in their industry and stay ahead of the competition. Our commitment to customer satisfaction is second to none, and we strive to exceed expectations in every aspect of our business.

Packing and Shipping:

Product Name: Long Chain Alkane Dehydrogenation Alumina Carrier
Product Description: This product is a catalyst carrier used in the dehydrogenation of long chain alkanes.
Package: The product will be packed in a sealed plastic bag and then placed in a cardboard box.
Shipping: The product will be shipped via standard ground shipping unless otherwise specified. Shipping costs will be calculated at checkout.

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