



## Surface Area 150-170 M2/g Alumina Carrier Catalyst For Long Chain Alkane Dehydrogenation

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

- Pore Size: 10-15nm
- Particle Size: 2 Mm
- Surface Area: 150-170 M2/g
- Moisture Content: Less Than 1%
- Catalytic Activity: High Selectivity And Conversion Rate
- Bulk Density: 0.3-0.4 G/cm3
- Alumina Content: More Than 99%
- Surface Hydroxyl Groups: High Concentration Of Surface Hydroxyl Groups
- Highlight: **Alumina Carrier Catalyst,  
Long Chain Alkane Dehydrogenation Catalyst,  
Long Chain Alkane Dehydrogenation Alumina  
Carrier**

## Product Description

### Product Description:

Our Long Chain Alkane Dehydrogenation Alumina Carrier boasts exceptional thermal stability, with the ability to withstand temperatures of up to 1000°C. This makes it an ideal choice for applications that require high-temperature reactions.

In addition to its thermal stability, our product also has a high concentration of surface hydroxyl groups. These groups are essential for catalytic activity, as they provide active sites for the dehydrogenation process to occur. With our product's high concentration of surface hydroxyl groups, you can expect superior catalytic activity and performance.

Our Long Chain Alkane Dehydrogenation Alumina Carrier also has a particle size of 2 mm. This size is optimal for dehydrogenation reactions, as it provides a large surface area for reactants to come into contact with the catalyst.

When it comes to catalytic activity, our product is unmatched. With high selectivity and conversion rates, our Long Chain Alkane Dehydrogenation Alumina Carrier is the perfect choice for industries that require precise and efficient dehydrogenation processes. So, whether you're in the oil and gas industry or the chemical manufacturing industry, our Long Chain Alkane Dehydrogenation Alumina Carrier is the ideal catalyst for your dehydrogenation needs. Contact us today to learn more about this exceptional product.

### Features:

Product Name: Long Chain Alkane Dehydrogenation Alumina Carrier

Catalytic Activity: High Selectivity And Conversion Rate

Thermal Stability: Up To 1000°C

Moisture Content: Less Than 1%

Bulk Density: 0.3-0.4 G/cm<sup>3</sup>

Particle Size: 2 Mm

This product is ideal for use in the Long Chain Alkane Dehydrogenation process, and works well in both Oil ammonia column and Oil column applications.

### Technical Parameters:

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

This Long Chain Alkane Dehydrogenation Alumina Carrier product has a particle size of 2mm and a pore size of 10-15nm. It has high selectivity and conversion rate as well as a high concentration of surface hydroxyl groups. The product has a thermal stability of up to 1000°C and a surface area of 150-170 M<sup>2</sup>/g. Its bulk density is 0.3-0.4 G/cm<sup>3</sup> and it has a pore volume of 0.8-1.2 Cm<sup>3</sup>/g. The product is suitable for use as a catalyst for dehydrogenation of long chain alkanes. It has a moisture content of less than 1%.

Keywords: Oil ammonia column, Dehydrogenation, Long Chain Alkane

### Applications:

The Long Chain Alkane Dehydrogenation Alumina Carrier product has high selectivity and conversion rate, making it an excellent choice for dehydrogenation of long-chain alkanes. It provides maximum efficiency with minimal waste, making it an ideal choice for companies seeking to increase productivity while reducing costs.

The thermal stability of this product is noteworthy as it can withstand temperatures of up to 1000°C, making it suitable for use in high-temperature environments. It is perfect for use in oil ammonia columns, where high temperatures are required for optimal performance.

The Long Chain Alkane Dehydrogenation Alumina Carrier product is a versatile solution that can be used in various applications. Its high catalytic activity makes it a perfect choice for various scenarios, including the production of high-quality fuels, conversion of long-chain alkanes, and purification of industrial gases.

In summary, the Long Chain Alkane Dehydrogenation Alumina Carrier product is an excellent choice for companies seeking high-quality and cost-effective solutions for their oil and gas operations. It offers superior performance, high selectivity, and conversion rate, thermal stability, and versatility, making it a reliable solution for different applications and scenarios.

### Customization:

Enhance your Long Chain Alkane Dehydrogenation Alumina Carrier to fit your specific needs with our customization services.

## Support and Services:

Our technical support and services for the Long Chain Alkane Dehydrogenation Alumina Carrier product include:

Assistance with product selection and application

Technical consulting

Customization of product specifications

On-site technical support

Training and education on product usage and maintenance

Product performance analysis and troubleshooting

We are committed to providing exceptional technical support and services to ensure the optimal performance and longevity of our Long Chain Alkane Dehydrogenation Alumina Carrier product.

## Packing and Shipping:

**Product:** Long Chain Alkane Dehydrogenation Alumina Carrier

**Packaging:** The product will be packaged in a sealed plastic bag to ensure product purity and prevent contamination. The bag will be placed inside a sturdy cardboard box for additional protection during shipping.

**Shipping:** The product will be shipped via a reliable courier service to ensure timely and safe delivery. Shipping costs will be calculated based on the destination and weight of the package.



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