



## Thermal Stability Oil Column Catalytic Dehydrogenation Of Alkanes With 10-15nm Pore Size Up To 1000°C

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 Volume: 0.8-1.2 Cm<sup>3</sup>/g
- Catalytic Activity: High Selectivity And Conversion Rate
- Thermal Stability: Up To 1000°C
- Surface Hydroxyl Groups: High Concentration Of Surface Hydroxyl Groups
- Pore Size: 10-15nm
- Alumina Content: More Than 99%
- Surface Area: 150-170 M<sup>2</sup>/g
- Particle Size: 2 Mm
- Highlight: **thermal dehydrogenation of alkanes catalyst, thermal catalytic dehydrogenation of alkanes, stability dehydrogenation of alkanes catalyst**

## Product Description

### Product Description:

One of the key features of our product is its high pore volume, which ranges from 0.8-1.2 cm<sup>3</sup>/g. This allows for excellent surface area exposure, maximizing catalytic activity and promoting efficient reactions. In addition, our Long Chain Alkane Dehydrogenation Alumina Carrier has a moisture content of less than 1%, ensuring consistent performance and minimizing the risk of unwanted side reactions. Our product has a high concentration of surface hydroxyl groups, which play an important role in promoting catalytic activity. These groups act as active sites for the dehydrogenation reaction, allowing for efficient conversion of long chain alkanes to their corresponding alkenes. In addition, our Long Chain Alkane Dehydrogenation Alumina Carrier has a particle size of 2 mm, making it easy to handle and integrate into your catalytic system.

Overall, our Long Chain Alkane Dehydrogenation Alumina Carrier is an essential component for any catalytic system designed for the dehydrogenation of long chain alkanes. With its high pore volume, low moisture content, and high concentration of surface hydroxyl groups, our product is guaranteed to provide excellent catalytic activity, ensuring efficient conversion of long chain alkanes to alkenes in your oil ammonia column or drip ball application.

### Technical Parameters:

Moisture Content	Less Than 1%
Particle Size	2 Mm
Pore Volume	0.8-1.2 Cm <sup>3</sup> /g
Alumina Content	More Than 99%
Pore Size	10-15nm
Bulk Density	0.3-0.4 G/cm <sup>3</sup>
Catalytic Activity	High Selectivity And Conversion Rate
Thermal Stability	Up To 1000°C
Surface Hydroxyl Groups	High Concentration Of Surface Hydroxyl Groups
Application	Catalyst For Dehydrogenation Of Long Chain Alkanes

### Applications:

The Long Chain Alkane Dehydrogenation Alumina Carrier is an ideal solution for various applications in the oil and gas industry. The product is used to catalyze the dehydrogenation of long chain alkanes, which are commonly found in crude oil. This process is essential for the production of high value products such as gasoline, diesel, and jet fuel.

The Long Chain Alkane Dehydrogenation Alumina Carrier is particularly useful in oil columns where it is used to convert long chain alkanes into more valuable products. The product is also used in drip balls where it helps to improve the quality of the final product. Overall, the Long Chain Alkane Dehydrogenation Alumina Carrier is a reliable and effective catalyst that is widely used in the oil and gas industry. Its unique properties make it an ideal solution for dehydrogenation processes and it is trusted by industry professionals around the world.

### Customization:

Our product customization services for the Long Chain Alkane Dehydrogenation Alumina Carrier (Model Number: KML-100) include the following:

Brand Name: Long Chain Alkane Dehydrogenation Alumina Carrier

Place of Origin: CHINA

Surface Area: 150-170 M<sup>2</sup>/g

Moisture Content: Less Than 1%

Surface Hydroxyl Groups: High Concentration Of Surface Hydroxyl Groups

Alumina Content: More Than 99%

Pore Size: 10-15nm

Our Long Chain Alkane Dehydrogenation Alumina Carrier is perfect for use in oil ammonia columns, thanks to its high surface area and concentration of surface hydroxyl groups. We offer customizations to meet your specific needs and requirements.

### Support and Services:

Our Long Chain Alkane Dehydrogenation Alumina Carrier product is backed by comprehensive technical support and services to ensure optimal performance and customer satisfaction. Our team of experts is available to provide guidance on product selection, application development, and process optimization. We also offer customized testing and analysis services to help our customers identify and solve any issues they may encounter. Additionally, we provide ongoing support and maintenance services to ensure that our products continue to perform effectively over their entire lifespan. Contact us for more information on our technical support and services.

## Packing and Shipping:

Product Packaging:

25 kg plastic bags

500 kg bulk bags

Shipping:

Domestic: delivered via truck or rail

International: delivered via ocean or air freight



**Qingdao Junyao Catalyst New Material Technology Co., Ltd.**



+8618254266810



jycat@qdjunyao.com.cn



jyalumcatalyst.com