



## Maximize Dehydrogenation Reactions Long Chain Alkane Dehydrogenation Alumina Carrier for Enhanced Performance

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

- Thermal Stability: Up To 1000°C
- Application: Catalyst For Dehydrogenation Of Long Chain Alkanes
- Particle Size: 2 Mm
- Pore Size: 10-15nm
- Catalytic Activity: High Selectivity And Conversion Rate
- Moisture Content: Less Than 1%
- Alumina Content: More Than 99%
- Surface Area: 150-170 M2/g
- Highlight: **Long Chain Alkane Dehydrogenation Alumina Carrier**  
,  
**Maximize Dehydrogenation Reactions Alumina Carrier**

## Product Description

### Product Description:

The Long Chain Alkane Dehydrogenation Alumina Carrier is a high-quality catalyst designed for the efficient dehydrogenation of long chain alkanes. This product features a unique pore size of 10-15nm, allowing for optimal diffusion of reactant molecules and enhanced catalytic activity. With an alumina content of more than 99%, this carrier offers exceptional stability and durability during the dehydrogenation process.

Specifically formulated for the dehydrogenation of long chain alkanes, this alumina carrier demonstrates high selectivity and conversion rates, making it a valuable tool for various industrial applications. Its superior catalytic activity ensures that the desired reactions proceed smoothly and efficiently, resulting in increased productivity and reduced energy consumption.

The Long Chain Alkane Dehydrogenation Alumina Carrier is characterized by its low moisture content, which is less than 1%. This feature is crucial for maintaining the integrity and performance of the catalyst, ensuring consistent results throughout its lifespan. The minimal moisture content also helps prevent unwanted side reactions and ensures the purity of the dehydrogenation process.

With its advanced pore structure and high alumina content, this carrier provides a reliable and effective solution for the dehydrogenation of long chain alkanes. Whether used in batch processes or continuous operations, this catalyst delivers consistent performance and excellent results, meeting the demanding requirements of various industries.

Overall, the Long Chain Alkane Dehydrogenation Alumina Carrier offers a superior solution for catalyzing the dehydrogenation of long chain alkanes. Its unique attributes, including the specific pore size, high alumina content, and low moisture content, ensure optimal performance and reliability in diverse applications. Experience the benefits of high selectivity, conversion rates, and efficiency with this advanced catalyst for your dehydrogenation processes.

### Features:

Drip ball

Dehydrogenation

Long Chain Alkane

Pore Volume: 0.8-1.2 Cm3/g

Pore Size: 10-15nm

Particle Size: 2 Mm

Catalytic Activity: High Selectivity And Conversion Rate

Thermal Stability: Up To 1000°C

### Technical Parameters:

Technical Parameter	Value
Application	Catalyst For Dehydrogenation Of Long Chain Alkanes
Catalytic Activity	High Selectivity And Conversion Rate
Alumina Content	More Than 99%
Pore Size	10-15nm
Moisture Content	Less Than 1%
Pore Volume	0.8-1.2 Cm3/g
Bulk Density	0.3-0.4 G/cm3
Particle Size	2 Mm
Surface Area	150-170 M2/g
Surface Hydroxyl Groups	High Concentration Of Surface Hydroxyl Groups

### Applications:

**Long Chain Alkane Dehydrogenation Alumina Carrier**(model number: KML-100) is a high-quality product originating from CHINA. With a pore volume of 0.8-1.2 cm3/g, pore size ranging from 10-15nm, bulk density of 0.3-0.4 g/cm3, and alumina content exceeding 99%, this carrier offers exceptional performance in various applications.

One of the key features of this product is its catalytic activity, which ensures high selectivity and conversion rates in processes involving **Long Chain Alkane** dehydrogenation. The carrier's unique properties make it ideal for use in a wide range of scenarios.

Product Application Occasions and Scenarios:

**Oil column Catalysis:** The Long Chain Alkane Dehydrogenation Alumina Carrier is well-suited for catalyzing reactions in oil columns, where it facilitates the conversion of long-chain alkanes into valuable products.

**Drip ball Reactors:** This carrier is highly effective in drip ball reactors, enabling precise control over the dehydrogenation process and maximizing the yield of desired compounds.

Whether you are working with long-chain alkanes in an oil column or utilizing drip ball reactors for specific applications, the **Long Chain Alkane Dehydrogenation Alumina Carrier** (KML-100) can significantly enhance the efficiency and outcomes of your processes.

## Customization:

Product Customization Services for the Long Chain Alkane Dehydrogenation Alumina Carrier: .....

Brand Name: Long Chain Alkane Dehydrogenation Alumina Carrier

Model Number: KML-100

Place of Origin: CHINA

Pore Size: 10-15nm

Pore Volume: 0.8-1.2 Cm<sup>3</sup>/g

Moisture Content: Less Than 1%

Alumina Content: More Than 99%

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

## Packing and Shipping:

Product Name: Long Chain Alkane Dehydrogenation Alumina Carrier .....

Description: This product is designed for use in the dehydrogenation of long chain alkanes.

Product Packaging:

The Long Chain Alkane Dehydrogenation Alumina Carrier is packaged in a sturdy and secure container to ensure safe delivery. Each container is labeled with product information and handling instructions.

Shipping Information:

Orders are typically shipped within 1-2 business days. We offer various shipping options to accommodate your needs, including standard ground shipping, expedited shipping, and international shipping. Please provide accurate shipping information to ensure timely delivery of your order.

## FAQ:

**Q: What is the brand name of this product?** .....

A: The brand name of this product is Long Chain Alkane Dehydrogenation Alumina Carrier.

**Q: What is the model number of this product?**

A: The model number of this product is KML-100.

**Q: Where is this product manufactured?**

A: This product is manufactured in China.

**Q: What is the primary function of the Long Chain Alkane Dehydrogenation Alumina Carrier?**

A: The primary function of this product is to facilitate the dehydrogenation process of long-chain alkanes.

**Q: Is the Long Chain Alkane Dehydrogenation Alumina Carrier suitable for industrial applications?**

A: Yes, this product is designed for industrial applications and is suitable for various processes requiring dehydrogenation of long-chain alkanes.



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