



Long Chain Alkane Dehydrogenation Alumina Carrier Moisture Content Less Than 1% For Optimal Dehydrogenation Efficiency

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

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

Product Description

Product Description:

Featuring a bulk density of 0.3 to 0.4 g/cm³, this alumina carrier is both lightweight and easy to manage, making it an ideal option for industrial use. The pore size of 10 to 15 nm ensures that the active catalytic sites are readily accessible, enhancing efficiency in the dehydrogenation process.

The moisture content is maintained at below 1%, which helps ensure the product remains stable and effective over long periods.

Furthermore, with a particle size of 2 mm, it allows for smooth flow through the oil column without causing blockages or interruptions.

Our Long Chain Alkane Dehydrogenation Alumina Carrier is a dependable and efficient solution for facilitating the dehydrogenation of long-chain alkanes in the oil column. Its high concentration of surface hydroxyl groups, optimal pore dimensions, and low moisture content make it an excellent choice for various industrial applications.

Features:

Product Name: Long Chain Alkane Dehydrogenation Alumina Carrier

Bulk Density: 0.3-0.4 G/cm³

Particle Size: 2 Mm

Catalytic Activity: High Selectivity And Conversion Rate

Application: Catalyst For Dehydrogenation Of Long Chain Alkanes

Thermal Stability: Up To 1000°C

This product is an alumina carrier designed for the dehydrogenation of long chain alkanes. It has a bulk density of 0.3-0.4 G/cm³ and a particle size of 2 mm. With high selectivity and conversion rate, it is an effective catalyst for dehydrogenation reactions. Additionally, it has thermal stability up to 1000°C.

Technical Parameters:

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

This Long Chain Alkane Dehydrogenation Alumina Carrier product is ideal for use as an oil column catalyst due to its high selectivity and conversion rate.

Applications:

With a high concentration of surface hydroxyl groups and a surface area of 150 to 170 m²/g, this product is perfectly suited for drip ball applications. Its pore size of 10 to 15 nm ensures that it offers an effective surface area for catalytic reactions to occur.

The Long Chain Alkane Dehydrogenation Alumina Carrier has a particle size of 2 mm, making it an excellent option for dehydrogenating long-chain alkanes. Its capability to perform well in oil ammonia column applications makes it a highly sought-after catalyst in the oil and gas industry.

Whether you're aiming to conduct the dehydrogenation of long-chain alkanes in drip ball or oil ammonia column applications, this product serves as a reliable catalyst that will help you achieve the desired outcomes. Its high efficiency and effectiveness make it an outstanding choice for a variety of scenarios and applications.

Support and Services:

The Long Chain Alkane Dehydrogenation Alumina Carrier product provides technical support and services to ensure optimal performance and efficiency. Our team of experts offers assistance with product selection, process optimization, troubleshooting, and maintenance. Our commitment to quality and customer satisfaction is paramount, and we strive to provide timely and effective solutions to any issues that may arise.

Packing and Shipping:

Product Name: Long Chain Alkane Dehydrogenation Alumina Carrier
Package Contents: 1 kg of powder
Package Dimensions: 10 cm x 10 cm x 10 cm
Shipping Weight: 1.2 kg
Shipping Dimensions: 15 cm x 15 cm x 15 cm
Shipping Method: Standard Ground Shipping
Shipping Cost: Calculated at checkout

FAQ:

Q: What is Long Chain Alkane Dehydrogenation Alumina Carrier? -----

A: Long Chain Alkane Dehydrogenation Alumina Carrier is a type of catalyst used in chemical reactions to facilitate the conversion of long-chain alkanes into useful products. It is made from high-quality alumina and has a model number of KML-100.

Q: Where is Long Chain Alkane Dehydrogenation Alumina Carrier made?

A: Long Chain Alkane Dehydrogenation Alumina Carrier is manufactured in China.

Q: What are the benefits of using Long Chain Alkane Dehydrogenation Alumina Carrier?

A: Long Chain Alkane Dehydrogenation Alumina Carrier is highly effective in facilitating the conversion of long-chain alkanes into useful products. It is made from high-quality alumina, ensuring its durability and longevity. Its use can lead to increased efficiency, reduced costs, and improved product quality.

Q: How is Long Chain Alkane Dehydrogenation Alumina Carrier used?

A: Long Chain Alkane Dehydrogenation Alumina Carrier is typically used in chemical reactions to facilitate the conversion of long-chain alkanes into useful products. The catalyst is added to the reaction mixture and allowed to react with the alkanes to produce the desired products.

Q: How can I order Long Chain Alkane Dehydrogenation Alumina Carrier?

A: To order Long Chain Alkane Dehydrogenation Alumina Carrier, please contact our sales team. We will be happy to provide you with more information about the product and assist you with your order.



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