Long Chain Alkane Dehydrogenation Alumina Carrier

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%
- Application: Catalyst For Dehydrogenation Of Long Chain Alkanes
- Bulk Density: 0.3-0.4 G/cm3
- Thermal Stability: Up To 1000°C
- Catalytic Activity: High Selectivity And Conversion Rate
- Surface Hydroxyl Groups: High Concentration Of Surface Hydroxyl Groups
- Particle Size: 2 Mm
- Pore Volume: 0.8-1.2 Cm3/g
- Highlight: **Long Alkane Dehydrogenation Catalyst**, **Long Alkane Dehydrogenation Alumina Carrier**, **Catalysts For Dehydrogenation Of Long Chain Alkanes**

Product Description

Product Description:

Our Long Chain Alkane Dehydrogenation Alumina Carrier product features a particle size of 2 mm, which ensures optimal flow and performance in various industrial processes. The product also boasts a low moisture content of less than 1%, ensuring that it remains stable and effective even in high humidity environments.
With a pore volume of 0.8-1.2 cm3/g and a pore size of 10-15nm, our product offers excellent surface area and pore structure, allowing for efficient and effective catalytic activity. The unique pore structure also ensures that the product can effectively remove impurities and unwanted compounds from various industrial processes.
In addition to its excellent pore structure and particle size, our Long Chain Alkane Dehydrogenation Alumina Carrier product is highly thermally stable, with a thermal stability of up to 1000°C. This ensures that the product can withstand high temperatures and remain effective in demanding industrial applications.
Overall, our Long Chain Alkane Dehydrogenation Alumina Carrier product is a high-quality, reliable choice for a wide range of industrial applications. With its superior pore structure, particle size, and thermal stability, it is an ideal choice for use in drip ball, oil ammonia column, and long chain alkane dehydrogenation applications.

Features:

Product Name: Long Chain Alkane Dehydrogenation Alumina Carrier
Catalytic Activity: High Selectivity And Conversion Rate
Particle Size: 2 Mm
Application: Catalyst For Dehydrogenation Of Long Chain Alkanes
Pore Size: 10-15nm
Thermal Stability: Up To 1000°C
This product is ideal for use in the Oil ammonia column for dehydrogenation processes where a high selectivity and conversion rate is desired. The particle size of 2mm allows for efficient use in the drip ball, and the pore size of 10-15nm ensures proper adsorption and desorption of reactants. Additionally, the product has a thermal stability of up to 1000°C, making it suitable for use in high-temperature applications.

Technical Parameters:

Pore Size	10-15nm
Catalytic Activity	High Selectivity And Conversion Rate
Application	Catalyst For Dehydrogenation Of Long Chain Alkanes
Surface Area	150-170 M2/g
Moisture Content	Less Than 1%
Particle Size	2 Mm
Surface Hydroxyl Groups	High Concentration Of Surface Hydroxyl Groups
Thermal Stability	Up To 1000°C
Alumina Content	More Than 99%
Bulk Density	0.3-0.4 G/cm3

This product is suitable for use as a catalyst for dehydrogenation of long chain alkanes in the oil column.

Applications:

The Long Chain Alkane Dehydrogenation Alumina Carrier is a versatile product that can be used in a variety of scenarios. It is particularly useful in the oil industry where it can be used to catalyze the dehydrogenation of long chain alkanes in the oil column. This process is vital in the production of high-quality fuels and chemicals.
Another application of this product is in the production of drip balls. Drip balls are used in oil refineries to control the rate at which oil is processed. By using the Long Chain Alkane Dehydrogenation Alumina Carrier as a catalyst, the conversion rate of long chain alkanes can be optimized, resulting in a more efficient and cost-effective production process.
The Long Chain Alkane Dehydrogenation Alumina Carrier is also known for its excellent thermal stability. It can withstand temperatures of up to 1000°C without losing its catalytic activity. This makes it an ideal choice for high-temperature applications.
In conclusion, the Long Chain Alkane Dehydrogenation Alumina Carrier is a high-quality product that provides excellent catalytic activity, high selectivity, and conversion rates. With its versatility and thermal stability, it can be used in a variety of applications, including the production of fuels and chemicals, oil column processing, and drip ball production.

Customization:

Customize your Long Chain Alkane Dehydrogenation Alumina Carrier (Model Number: KML-100) to meet your specific needs:
Brand Name: Long Chain Alkane Dehydrogenation Alumina Carrier

Place of Origin: CHINA
Moisture Content: Less Than 1%
Catalytic Activity: High Selectivity And Conversion Rate
Application: Catalyst For Dehydrogenation Of Long Chain Alkanes
Pore Size: 10-15nm
Bulk Density: 0.3-0.4 G/cm3
Enhance your experience with our product customization services:
Oil column customization for better efficiency
Drip ball customization for improved accuracy
Oil column customization for precise flow control

Support and Services:

Our Long Chain Alkane Dehydrogenation Alumina Carrier product is designed to provide high thermal stability and excellent catalytic activity for dehydrogenation reactions of long chain alkanes. Our technical support team is available to assist with any questions or issues related to product performance and optimization. We also offer a range of services including catalyst testing, process evaluation, and catalyst regeneration to ensure the best possible performance from our product. Contact us to learn more about our technical support and services.

Packing and Shipping:

Product Packaging:
The Long Chain Alkane Dehydrogenation Alumina Carrier product will be packaged in a sealed, airtight container to prevent any contamination or damage during shipping.
The container will be labeled with the product name, quantity, and any necessary warning or handling instructions.
Shipping:
The Long Chain Alkane Dehydrogenation Alumina Carrier product will be shipped via a trusted and reliable carrier company.
The shipping method and timeframe will be determined based on the customer's location and preferred delivery option.
The product will be carefully packed and secured to prevent any damage or leakage during transit.
A tracking number will be provided to the customer once the product has shipped.

FAQ:

Q: What is Long Chain Alkane Dehydrogenation Alumina Carrier?
A: Long Chain Alkane Dehydrogenation Alumina Carrier is a type of catalyst used in the chemical industry to facilitate dehydrogenation reactions of long chain alkanes.
Q: What is the model number of this product?
A: The model number of this product is KML-100.
Q: Where is Long Chain Alkane Dehydrogenation Alumina Carrier manufactured?
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 has high activity, selectivity, and stability, making it an effective catalyst for dehydrogenation reactions. It also has a long lifespan, reducing the need for frequent replacements.
Q: What industries typically use Long Chain Alkane Dehydrogenation Alumina Carrier?
A: Long Chain Alkane Dehydrogenation Alumina Carrier is commonly used in the petrochemical and chemical industries for reactions such as dehydrogenation of long chain alkanes to produce olefins.

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