Selectivity Alumina Carrier For Alkane Dehydrogenation Catalyst

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: Long Chain Alkane Dehydrogenation Alumina Carrier
- Model Number: KML-100

Product Specification

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

Product Description

Product Description:

With a bulk density of 0.3-0.4 g/cm3, this alumina carrier provides excellent support for your dehydrogenation process. It also offers a surface area of 150-170 m2/g and a pore size of 10-15nm, which makes it an excellent choice for use in oil columns and drip balls.
This alumina carrier has been specially designed to provide superior catalytic activity. It can efficiently convert long chain alkanes into their corresponding alkenes, making it a highly effective tool for various industrial applications. Its high selectivity ensures that you can achieve the desired outcome with minimal byproducts.
Whether you're working in the oil industry or any other field that requires the dehydrogenation of long chain alkanes, our Long Chain Alkane Dehydrogenation Alumina Carrier product is the perfect solution. Its unique properties ensure that you can achieve the desired results quickly and efficiently, without compromising on quality.

Features:

Product Name: Long Chain Alkane Dehydrogenation Alumina Carrier
Moisture Content: Less Than 1%
Pore Volume: 0.8-1.2 Cm3/g
Pore Size: 10-15nm
Thermal Stability: Up To 1000°C
Bulk Density: 0.3-0.4 G/cm3
This product is ideal for use in oil columns, ammonia columns, and other applications requiring a high level of thermal stability.

Technical Parameters:

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

Applications:

The Long Chain Alkane Dehydrogenation Alumina Carrier is best suited for use in oil columns. Its high thermal stability up to 1000°C ensures that it can withstand high temperatures without any significant loss in catalytic activity. This makes it a perfect choice for use in oil columns, where temperatures can reach extreme levels.
The product is also known for its high concentration of surface hydroxyl groups. These groups play a vital role in the catalytic process, making the Long Chain Alkane Dehydrogenation Alumina Carrier a preferred choice for various applications.
Some of the common application occasions and scenarios for the Long Chain Alkane Dehydrogenation Alumina Carrier include:
Oil Refining: The Long Chain Alkane Dehydrogenation Alumina Carrier is used to catalyze the dehydrogenation of long-chain alkanes in the oil refining process. The product's high selectivity and conversion rate make it an ideal choice for this application.
Petrochemical Industry: The Long Chain Alkane Dehydrogenation Alumina Carrier is used in the petrochemical industry to produce various chemicals such as propylene, butadiene, and benzene. Its high thermal stability ensures that it can withstand the high temperatures required for these processes.
Chemical Industry: The Long Chain Alkane Dehydrogenation Alumina Carrier is used in the chemical industry for the production of various chemicals such as styrene and ethylene. Its high concentration of surface hydroxyl groups makes it an excellent choice for these applications.
Environmental Applications: The Long Chain Alkane Dehydrogenation Alumina Carrier is used in environmental applications such as catalytic combustion and waste gas treatment. Its high selectivity and conversion rate make it an ideal choice for these processes.
In conclusion, the Long Chain Alkane Dehydrogenation Alumina Carrier is a versatile product with a wide range of applications. Its high selectivity and conversion rate, thermal stability, and concentration of surface hydroxyl groups make it an excellent choice for various occasions and scenarios, especially in the oil column industry.

Customization:

Our Long Chain Alkane Dehydrogenation Alumina Carrier product is the perfect solution for those looking to dehydrogenate long chain

alkanes with precision and accuracy. With its drip ball and oil column attributes, this product is sure to exceed your expectations.

Support and Services:

Our Long Chain Alkane Dehydrogenation Alumina Carrier product is designed to provide high performance and efficiency in chemical processes. We offer comprehensive technical support and services to ensure that our product meets your specific requirements and delivers optimal results.
Our team of experts can provide assistance with product selection, installation, and optimization to help you achieve the best possible outcomes. Additionally, we offer ongoing technical support and troubleshooting to address any issues that may arise throughout the product lifecycle.
We also offer a range of training and education services to help you get the most out of our product and stay up-to-date with the latest developments in the field. Our team can provide customized training programs and workshops to meet your specific needs and enhance your knowledge and skills.
With our Long Chain Alkane Dehydrogenation Alumina Carrier product, you can expect reliable performance and exceptional results, backed by our commitment to quality and customer satisfaction.

Packing and Shipping:

Product: Long Chain Alkane Dehydrogenation Alumina Carrier
Description: This product is used as a catalyst in the dehydrogenation of long chain alkanes.
Packaging: The product will be packaged in a 1 kg sealed bag to ensure product quality and prevent contamination.
Shipping: The product will be shipped via standard ground shipping. Expedited shipping options are available at an additional cost.

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