Surface Area Dehydrogenation Catalyst Alumina Carrier 0.3-0.4G/Cm3 Bulk Density

Our Product Introduction

Basic Information

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

Product Specification

- Particle Size: 2 Mm
- Surface Area: 150-170 M2/g
- Application: Catalyst For Dehydrogenation Of Long Chain Alkanes
- Bulk Density: 0.3-0.4 G/cm3
- Pore Volume: 0.8-1.2 Cm3/g
- Surface Hydroxyl Groups: High Concentration Of Surface Hydroxyl Groups
- Moisture Content: Less Than 1%
- Catalytic Activity: High Selectivity And Conversion Rate
- Highlight: **dehydrogenation alumina carrier**, **0.4g/cm3 alumina carrier**, **0.4g/cm3 dehydrogenation catalyst**

Product Description

Product Description:

The Long Chain Alkane Dehydrogenation Alumina Carrier has a pore volume of 0.8-1.2 Cm3/g and a particle size of 2 mm, making it ideal for use in drip ball reactors. Its thermal stability is remarkable, withstanding temperatures of up to 1000°C.
The pore size of the Long Chain Alkane Dehydrogenation Alumina Carrier is 10-15nm, providing a high surface area of 150-170 M2/g. This allows for optimal contact between the reactants and the catalyst, resulting in a more efficient reaction.
When used in oil column operations, the Long Chain Alkane Dehydrogenation Alumina Carrier product ensures consistent and reliable dehydrogenation of long chain alkanes. It helps reduce the formation of unwanted by-products and minimizes energy consumption during the process.
In summary, the Long Chain Alkane Dehydrogenation Alumina Carrier is a highly effective and efficient solution for oil column operators looking to improve their dehydrogenation process. Its exceptional thermal stability, pore volume, particle size, pore size, and surface area make it the optimal choice for use in drip ball reactors.

Features:

Product Name: Long Chain Alkane Dehydrogenation Alumina Carrier
Bulk Density: 0.3-0.4 G/cm3
Pore Volume: 0.8-1.2 Cm3/g
Thermal Stability: Up To 1000°C
Surface Area: 150-170 M2/g
Surface Hydroxyl Groups: High Concentration Of Surface Hydroxyl Groups
This product is ideal for dehydrogenation and is designed to be used with drip balls.

Technical Parameters:

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

Applications:

Oil and Gas Industry: The Long Chain Alkane Dehydrogenation Alumina Carrier is ideal for use in the oil and gas industry. It can be used for the production of high-quality fuels, such as gasoline, diesel, and jet fuel.
Petrochemical Industry: This product is also highly suitable for use in the petrochemical industry. It can be used to produce a variety of chemicals, such as ethylene, propylene, butylene, and other olefins.
Chemical Industry: The Long Chain Alkane Dehydrogenation Alumina Carrier is also useful in the chemical industry. It can be used for the production of various chemicals, such as aldehydes, ketones, and aromatics.
Research and Development: This product is also a great choice for research and development purposes. It can be used to study the dehydrogenation of long chain alkanes and the behavior of surface hydroxyl groups.
Environmental Protection: The Long Chain Alkane Dehydrogenation Alumina Carrier can also be used in environmental protection applications. It can be used to convert long chain alkanes into more environmentally friendly products.
The Long Chain Alkane Dehydrogenation Alumina Carrier has several unique features that make it an excellent choice for a wide range of applications. The product has a high selectivity and conversion rate, which makes it ideal for use in the production of high-quality fuels and chemicals. The high concentration of surface hydroxyl groups also makes it highly effective in promoting the dehydrogenation of long chain alkanes. The alumina content of the product is more than 99%, and it has a pore size of 10-15nm and a surface area of 150-170 M2/g.

Customization:

Customize your Long Chain Alkane Dehydrogenation Alumina Carrier with our product customization services. Our product, model number KML-100, originated from CHINA, offers thermal stability up to 1000°C, making it the perfect catalyst for dehydrogenation of long chain alkanes in oil columns.

With a surface area of 150-170 M2/g, our alumina carrier provides a high concentration of surface hydroxyl groups, ensuring high selectivity and conversion rate for your dehydrogenation needs.

Support and Services:

The Long Chain Alkane Dehydrogenation Alumina Carrier product is designed to provide high performance, stability, and selectivity in a variety of dehydrogenation reactions. Our technical support and services include:

Expert consultation on product selection and process optimization

Catalyst testing and evaluation

Customized catalyst formulations for specific applications

On-site technical support and troubleshooting

Training and education on catalyst handling, safety, and best practices

Our team of experienced technical experts is committed to providing our customers with the highest level of support and service to ensure optimal performance and efficiency of their dehydrogenation processes.

Packing and Shipping:

Product Name: Long Chain Alkane Dehydrogenation Alumina Carrier
Package Contents: 1 kg of Long Chain Alkane Dehydrogenation Alumina Carrier
Package Dimensions: 30 cm x 20 cm x 10 cm
Shipping Weight: 1.2 kg
Shipping Dimensions: 35 cm x 25 cm x 15 cm
Shipping Method: Standard Shipping
Estimated Delivery Time: 5-7 business days

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