



Long Chain Alkane Dehydrogenation Catalyst Carrier With Catalytic Performance And Thermal Stability

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

- Moisture Content: Less Than 1%
- Application: Catalyst For Dehydrogenation Of Long Chain Alkanes
- Surface Area: 150-170 M2/g
- Catalytic Activity: High Selectivity And Conversion Rate
- Pore Size: 10-15nm
- Thermal Stability: Up To 1000°C
- Alumina Content: More Than 99%
- 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 features a bulk density ranging from 0.3 to 0.4 g/cm³ and a pore volume of 0.8 to 1.2 cm³/g, making it an ideal choice for your drip ball application. Its porous design maximizes the surface area available for catalytic reactions, while the high alumina content ensures exceptional strength and durability.

Furthermore, this product maintains a moisture level of less than 1%, which contributes to its long-term stability and reliability. Its impressive catalytic performance, combined with outstanding physical characteristics, makes it a dependable option for your dehydrogenation requirements.

Opt for our Long Chain Alkane Dehydrogenation Alumina Carrier for your oil column to achieve optimal efficiency and performance. With its remarkable attributes, it promises to deliver unmatched results for your dehydrogenation processes.

Features:

Product Name: Long Chain Alkane Dehydrogenation Alumina Carrier

Thermal Stability: Up To 1000°C

Alumina Content: More Than 99%

Pore Size: 10-15nm

Surface Hydroxyl Groups: High Concentration Of Surface Hydroxyl Groups

Application: Catalyst For Dehydrogenation Of Long Chain Alkanes

This product is suitable for use in the Oil column, Oil column, Oil ammonia column.

Technical Parameters:

Pore Size	10-15nm
Particle Size	2 Mm
Alumina Content	More Than 99%
Bulk Density	0.3-0.4 G/cm3
Pore Volume	0.8-1.2 Cm3/g
Application	Catalyst For Dehydrogenation Of Long Chain Alkanes
Moisture Content	Less Than 1%
Surface Area	150-170 M2/g
Catalytic Activity	High Selectivity And Conversion Rate
Thermal Stability	Up To 1000°C

Applications:

This product is commonly employed in the oil industry for the dehydrogenation of long-chain alkanes. It finds application in oil columns, ammonia columns, and various refining processes. Its high alumina content makes it an excellent option for these uses, as it can endure elevated temperatures and is resistant to corrosion.

In oil refining, the Long Chain Alkane Dehydrogenation Alumina Carrier enhances the efficiency of the process. It is utilized in oil columns to eliminate impurities from crude oil and assist in the separation of different hydrocarbon types. The carrier's fine particle size and pore structure contribute to its effectiveness as a filter, leading to a more streamlined refining process.

In the ammonia sector, the Long Chain Alkane Dehydrogenation Alumina Carrier is deployed in ammonia columns to purify ammonia gas by removing contaminants. Its high thermal stability and corrosion resistance make it particularly suitable for these applications.

Additionally, its small particle and pore size enhance its filtering capabilities, facilitating a more efficient ammonia refining process.

In summary, the Long Chain Alkane Dehydrogenation Alumina Carrier is a versatile product utilized across multiple industries. Its high alumina content and thermal stability make it a prime choice for applications requiring resistance to high temperatures and corrosive environments. Furthermore, its fine particle and pore size make it an effective filtering medium, contributing to improved refining efficiency.

Support and Services:

The Long Chain Alkane Dehydrogenation Alumina Carrier product offers technical support and services to ensure optimal performance and efficiency.

We are committed to providing exceptional support to our customers and strive to exceed expectations. Contact us for more information on our technical support and services.

Packing and Shipping:

Product: Long Chain Alkane Dehydrogenation Alumina Carrier

Packaging: The product will be packaged in a sealed plastic container to prevent any contamination or damage during transportation.

Shipping: The product will be shipped via a reliable courier service to ensure timely and safe delivery. The shipping cost will be calculated based on the distance and weight of the package.

FAQ:

Q: What is Long Chain Alkane Dehydrogenation Alumina Carrier?

A: Long Chain Alkane Dehydrogenation Alumina Carrier is a catalyst used in the dehydrogenation of long chain alkanes. It is commonly used in the production of olefins and other chemicals.

Q: What is the model number of Long Chain Alkane Dehydrogenation Alumina Carrier?

A: The model number of Long Chain Alkane Dehydrogenation Alumina Carrier is KML-100.

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

A: Long Chain Alkane Dehydrogenation Alumina Carrier is made in CHINA.

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

A: Long Chain Alkane Dehydrogenation Alumina Carrier is highly efficient and has excellent selectivity. It also has a long lifespan and is resistant to deactivation.

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

A: Long Chain Alkane Dehydrogenation Alumina Carrier is typically used in a fixed bed reactor, where it catalyzes the dehydrogenation of long chain alkanes into olefins and other chemicals.



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