0.8-1.2 Cm3/g Pore Volume Alumina Carrier With Catalytic Activity And Long Service Life

Our Product Introduction

Basic Information

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

Product Specification

- Pore Volume: 0.8-1.2 Cm3/g
- Catalytic Activity: High Selectivity And Conversion Rate
- Bulk Density: 0.3-0.4 G/cm3
- Particle Size: 2 Mm
- Pore Size: 10-15nm
- Surface Hydroxyl Groups: High Concentration Of Surface Hydroxyl Groups
- Application: Catalyst For Dehydrogenation Of Long Chain Alkanes
- Surface Area: 150-170 M2/g
- Highlight: **1.2 cm3/g alumina carrier**, **1.2 cm3/g alumina ceramic carrier**, **15nm alumina carrier**

Product Description

Product Description:

The Long Chain Alkane Dehydrogenation Alumina Carrier is highly efficient in converting long chain alkanes into olefins, making it an essential component for the petrochemical industry. Its high selectivity and conversion rate ensure maximum yield of desired products, minimizing waste and optimizing production.
The drip ball shape of the carrier particles ensures efficient and even distribution of reactants, providing consistent results with each use. This shape also allows for easy handling and storage, making it an ideal choice for large scale industrial applications.
In addition to its exceptional catalytic activity, our Long Chain Alkane Dehydrogenation Alumina Carrier product also boasts impressive thermal stability, withstanding temperatures up to 1000°C. This makes it suitable for use in high temperature reactions, providing reliable and consistent performance.
Overall, the Long Chain Alkane Dehydrogenation Alumina Carrier product is a reliable and effective choice for catalytic reactions in the petrochemical industry. Its high selectivity and conversion rate, combined with its thermal stability and easy handling, make it an essential component for any industrial process.

Features:

Product Name: Long Chain Alkane Dehydrogenation Alumina Carrier

Particle Size: 2 Mm

Pore Volume: 0.8-1.2 Cm3/g

Surface Area: 150-170 M2/g

Application: Catalyst For Dehydrogenation Of Long Chain Alkanes

Moisture Content: Less Than 1%

This product is ideal for use as a catalyst in the dehydrogenation of long chain alkanes, making it an essential component in the production of oil column. Its particle size of 2mm, pore volume of 0.8-1.2 cm3/g, and surface area of 150-170 M2/g make it highly effective in this application. Additionally, its low moisture content of less than 1% ensures optimal performance and longevity.

Technical Parameters:

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

Applications:

This product is widely used in a variety of occasions and scenarios, one of which is the Oil Ammonia Column. The Oil Ammonia Column is an important part of the petroleum refining process, where the Long Chain Alkane Dehydrogenation Alumina Carrier is used as a catalyst. The product helps to increase the yield of ammonia and other important by-products, making the refining process more efficient and cost-effective.
The Long Chain Alkane Dehydrogenation Alumina Carrier is also used in other scenarios, such as the production of hydrogen gas. Hydrogen gas is an important industrial gas that is widely used in the production of chemicals, electronics, and other industries. The product is used as a catalyst to help break down long chain alkanes into hydrogen gas, helping to increase the efficiency of the process.
Other scenarios where the Long Chain Alkane Dehydrogenation Alumina Carrier is used include the production of ethylene and propylene. These chemicals are used in a wide range of applications, from plastics to automotive parts. The product is a critical component in the production process, helping to increase the yield of these important chemicals.
In summary, the Long Chain Alkane Dehydrogenation Alumina Carrier product is an essential catalyst used in a variety of applications and scenarios. Its thermal stability, high surface area, and high alumina content make it an excellent choice for the dehydrogenation of long chain alkanes. Its use in the Oil Ammonia Column, hydrogen gas production, and ethylene and propylene production highlight its versatility and importance in the industrial world.

Customization:

Customizable options include, but are not limited to:
Drip ball size
Surface area

Pore size distribution

Don't settle for anything less than the best when it comes to your Long Chain Alkane Dehydrogenation process. Customize your carrier today to achieve optimal results.

Support and Services:

Our Long Chain Alkane Dehydrogenation Alumina Carrier product comes with comprehensive product technical support and services to ensure optimal performance and customer satisfaction. Our team of experienced technical professionals can provide assistance with installation, operation, maintenance, troubleshooting, and any other technical issues related to the product. We also offer customization services to meet specific customer requirements. Our goal is to provide prompt and effective technical support to minimize downtime and maximize productivity. Contact us for more information on our technical support and services.

Packing and Shipping:

Product Name: Long Chain Alkane Dehydrogenation Alumina Carrier
Package Contents: 1 kg of powder
Package Dimensions: 20 cm x 20 cm x 10 cm
Shipping Weight: 1.2 kg
Shipping Dimensions: 25 cm x 25 cm x 15 cm
Shipping Method: Standard shipping
Shipping Cost: Please refer to shipping rates at checkout

Qingdao Junyao Catalyst New Material Technology Co., Ltd.

+8618254266810 jycat@qdjunyao.com.cn jyalumcatalyst.com