Al2O3 PDH Alumina Carrier Low CaO Content ≤ 0.05% High Pore Size 0.4-0.6nm

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: PDH carrier
- Model Number: KMP-100
- Minimum Order Quantity: 1T
- Packaging Details: Customer demand, drum or ton pack
- Supply Ability: 2000T/year

Product Specification

- Pore Size: 0.4-0.6nm
- Pore Volume: 0.6-0.8 Cm3/g
- Product Name: Choose PDH Alumina Carrier For Optimal Performance In High-Temperature And High-Pressure Conditions
- CaO Content: ≤ 0.05%
- Application: Catalyst Support
- Temperature Resistance: High Temperature Resistance
- Product Category: PDH Alumina Carrier
- Mgo Content: ≤0.05%
- Highlight: **High Pore Size Alumina Carrier**, **Low CaO Content Alumina Carrier**, **Al2O3 PDH Alumina Carrier**

Product Description

Product Description:

The PDH Alumina Carrier is a versatile product designed specifically for use in the propane dehydrogenation (PDH) process. It serves as a high-purity alumina carrier for PDH applications, providing excellent performance and reliability in the conversion of propane to propylene.
One of the key features of the PDH Alumina Carrier is its customizable size, allowing for flexibility in various industrial settings. This customization option ensures that the product can be tailored to specific requirements, providing optimal results for different PDH process setups.
With a packing density ranging from 0.7 to 0.9g/cm3, the PDH Alumina Carrier offers efficient and effective support for catalyst materials used in PDH reactors. This optimal packing density enhances the catalytic activity and overall performance of the PDH process, contributing to higher yields and improved efficiency.
As a high-purity alumina carrier for propane dehydrogenation, this product is manufactured to meet stringent quality standards, ensuring purity and consistency in the catalytic process. The high purity of the alumina carrier minimizes impurities and contaminants that could potentially affect catalyst performance, resulting in more reliable and stable operation of PDH reactors.
In addition to its customizable size and high purity, the PDH Alumina Carrier also boasts exceptional temperature resistance, making it ideal for high-temperature PDH applications. The product can withstand the elevated temperatures required for propane dehydrogenation reactions, maintaining its structural integrity and performance under challenging thermal conditions.
Overall, the PDH Alumina Carrier stands out as a top-of-the-line alumina carrier for PDH processes, offering superior quality, customizable sizing options, optimal packing density, high purity, and outstanding temperature resistance. Its robust construction and reliable performance make it an excellent choice for industrial applications seeking to maximize the efficiency and effectiveness of propane dehydrogenation reactions.

Features:

Product Name: PDH Alumina Carrier
Temperature Resistance: High Temperature Resistance
Specific Surface Area: ≥0.5m²/g
Chemical Composition: Al2O3
Pore Volume: 0.6-0.8 Cm3/g
Mgo Content: ≤0.05%

Technical Parameters:

MgO Content	≤ 0.05%
Temperature Resistance	High Temperature Resistance
Application	Catalyst Support
Description	The PDH alumina carrier is a high-performance material known for its unique characteristics and vital role in catalytic processes. It is an alumina carrier for PDH and propane dehydrogenation, serving as an alumina PDH catalyst support.
Chemical Formula	Al2O3
Specific Surface Area	≥0.5m²/g
Chemical Stability	Acid And Alkali Resistant
CaO Content	≤ 0.05%
Pore Size	0.4-0.6nm
Product Category	PDH Alumina Carrier

Applications:

PDH alumina carrier product KMP-100 is a crucial component in the dehydrogenation of propane process, making it an essential catalyst support for the petrochemical industry. Originating from CHINA, this product boasts a high temperature resistance, making it ideal for use in demanding industrial settings.
With a pore volume ranging from 0.6 to 0.8 cm3/g and a specific surface area of at least 0.5 m^2/g, the KMP-100 alumina carrier ensures optimal performance in propane dehydrogenation reactions. Its chemical formula Al2O3 further enhances its catalytic properties, promoting the conversion of propane to propylene efficiently.
Customers can order this product with a minimum order quantity of 1 ton, and with a supply ability of 2000 tons per year, ensuring a reliable source for their production needs. The packaging details can be customized based on customer preferences, including drum or ton pack options.
The PDH alumina carrier finds its niche in scenarios requiring precise control over the dehydrogenation of propane, such as in propylene production within the petrochemical sector. Its reliability, high temperature resistance, and robust chemical composition make it a trusted choice for industrial applications.
In conclusion, the KMP-100 alumina carrier for PDH offers a versatile and efficient solution for propane dehydrogenation processes, making it a top choice for industries seeking high-performance catalyst supports. Its attributes align perfectly with the requirements of applications such as propane dehydrogenation, cementing its position as a reliable and effective alumina carrier for PDH.

Support and Services:

The PDH Alumina Carrier product offers comprehensive technical support and services to ensure optimal performance and customer satisfaction. Our dedicated team of experts is available to provide assistance with product installation, troubleshooting, and maintenance. In addition, we offer training programs to help customers maximize the efficiency and longevity of their equipment. Our goal is to deliver top-notch support to enhance the overall user experience and deliver reliable results.

Packing and Shipping:

Product: PDH Alumina Carrier
Description: High-quality alumina carrier for use in various industrial applications.
Package Contents: 1 x PDH Alumina Carrier
Shipping Method: Standard Shipping
Shipping Cost: Calculated at checkout
Estimated Delivery Time: 3-5 business days

FAQ:

Q: What is the model number of the PDH Alumina Carrier?
A: The model number is KMP-100.
Q: Where is the PDH Alumina Carrier manufactured?
A: The product is made in CHINA.
Q: What is the minimum order quantity for the PDH Alumina Carrier?
A: The minimum order quantity is 1 ton.
Q: What is the supply ability of the PDH Alumina Carrier per year?
A: The supply ability is 2000 tons per year.
Q: How is the PDH Alumina Carrier packaged?
A: The product is packaged according to customer demand, in drums or ton packs.

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