



Al₂O₃ Content≤0.05% PDH Alumina Catalyst Carrier Perfectly Balanced Chemical Formula For Superior Performance

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: PDH carrier
- Model Number: KMP-100



Product Specification

- Surface Area: 100-110 M²/g
- Cao Content: ≤0.05%
- Bulk Density: 0.6-0.65 G/cm³
- Sio₂ Content: ≤0.05%
- Chemical Formula: Al₂O₃
- Mgo Content: ≤0.05%
- Moisture Content: ≤1%
- Color: White
- Highlight: **PDH alumina catalyst carrier ,
Superior Performance alumina catalyst carrier**

Product Description

Product Description:

The PDH Alumina Carrier is a high-quality product designed for use in various industrial applications, offering exceptional performance and reliability. This product serves as a key component in processes requiring catalyst support and adsorbents, providing excellent moisture content control and thermal stability.

With a moisture content of $\leq 1\%$, the PDH Alumina Carrier ensures optimal performance in moisture-sensitive applications, enhancing overall efficiency and product quality. The low moisture content minimizes the risk of unwanted reactions and ensures the integrity of the catalyst support system.

Additionally, the Na_2O content of $\leq 0.2\%$ further contributes to the product's reliability and stability, making it suitable for a wide range of industrial processes. This low sodium oxide content helps prevent contamination and ensures consistent performance in various operating conditions.

The PDH Alumina Carrier features a particle size ranging from 1.6mm to 1.8mm, providing excellent uniformity and compatibility with different systems. This precise particle size range allows for optimal packing density and efficient utilization in catalyst support applications, ensuring reliable performance and consistent results.

Furthermore, the pore volume of 0.6-0.8 cm^3/g offers enhanced adsorption capacity and surface area, making the PDH Alumina Carrier ideal for applications requiring high surface area contact. The optimal pore volume facilitates efficient adsorption and catalytic reactions, improving overall process efficiency and performance.

One of the key highlights of the PDH Alumina Carrier is its exceptional thermal stability, withstanding temperatures of up to 1200 without compromising its structural integrity. This thermal stability makes the product suitable for high-temperature processes and ensures long-term durability in demanding operating environments.

The PDH Alumina Carrier is specifically designed for use in PDH (Propane Dehydrogenation) processes, Drip ball applications, and MOVING BED systems. Its superior quality and performance make it a preferred choice for industries requiring reliable catalyst support materials and adsorbents.

Overall, the PDH Alumina Carrier offers unmatched quality, performance, and reliability for a wide range of industrial applications, making it an indispensable component in catalyst support systems and adsorption processes.

Features:

Product Name: PDH Alumina Carrier

Color: White

Chemical Formula: Al_2O_3

Particle Size: 1.6-1.8mm

Mgo Content: $\leq 0.05\%$

Thermal Stability: Up To 1200

Technical Parameters:

Moisture Content	$\leq 1\%$
Thermal Stability	Up To 1200
Color	White
Bulk Density	0.6-0.65 G/cm^3
Surface Area	100-110 M^2/g
Pore Volume	0.6-0.8 Cm^3/g
SiO_2 Content	$\leq 0.05\%$
Na_2O Content	$\leq 0.2\%$
Particle Size	1.6-1.8mm
Mgo Content	$\leq 0.05\%$

Applications:

PDH carrier KMP-100 is a high-quality alumina carrier product originating from China. With a bulk density range of 0.6-0.65 g/cm^3 and a pore volume of 0.6-0.8 cm^3/g , this carrier is ideal for various industrial applications.

One of the primary application scenarios for PDH carrier KMP-100 is in MOVING BED systems. The excellent bulk density and pore volume characteristics make it a perfect choice for processes that involve continuous movement of the catalyst bed, ensuring efficient and uniform distribution.

Additionally, PDH carrier KMP-100 is well-suited for use in Drip ball applications. Its chemical formula Al_2O_3 , combined with low Mgo and SiO_2 content ($\leq 0.05\%$), provides the necessary stability and durability required for drip ball systems, ensuring consistent performance over time.

Another key application occasion for this alumina carrier is in OLEFLEX processes. The high-quality construction of PDH carrier KMP-100 makes it a reliable choice for OLEFLEX reactions, where the catalyst carrier plays a crucial role in facilitating the desired chemical transformations.

Whether it's for MOVING BED systems, Drip ball applications, or OLEFLEX processes, PDH carrier KMP-100 offers a versatile and

reliable solution for various industrial needs. Its consistent quality and performance make it a preferred choice for demanding catalytic applications.

Customization:

Customize your PDH carrier (Model: KMP-100) with our Product Customization Services. Our carrier, originating from CHINA, is perfect for MOVING BED applications. The carrier features a particle size of 1.6-1.8mm and a chemical formula of Al_2O_3 , ensuring excellent performance. Its white color adds aesthetic appeal, and the MgO Content of $\leq 0.05\%$ and SiO_2 Content of $\leq 0.05\%$ guarantee top-notch quality. Enhance your processes with our customizable PDH carrier today!

FAQ:

Q: What is the brand name of this product?

A: The brand name of this product is PDH carrier.

Q: What is the model number of this product?

A: The model number of this product is KMP-100.

Q: Where is this product manufactured?

A: This product is manufactured in China.

Q: What is the material used for the PDH Alumina Carrier?

A: The PDH Alumina Carrier is made of high-quality alumina material.

Q: Is the PDH Alumina Carrier suitable for high-temperature applications?

A: Yes, the PDH Alumina Carrier is designed to withstand high temperatures, making it suitable for various applications.



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