



## Al<sub>2</sub>O<sub>3</sub> Chemical Formula PDH Alumina Carrier With Surface Area Of 100-110 M<sup>2</sup>/G And ≤0.02% Fe<sub>2</sub>O<sub>3</sub> Content

Our Product Introduction

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### Basic Information

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



### Product Specification

- Pore Volume: 0.6-0.8 Cm<sup>3</sup>/g
- Thermal Stability: Up To 1200
- Na<sub>2</sub>O Content: ≤0.2%
- Color: White
- Particle Size: 1.6-1.8mm
- Mgo Content: ≤0.05%
- Fe<sub>2</sub>O<sub>3</sub> Content: ≤0.02%
- Bulk Density: 0.6-0.65 G/cm<sup>3</sup>
- Highlight: **CAS 7440-05-3 Palladium on Alumina,  
AL<sub>2</sub>O<sub>3</sub> PDH Alumina Carrier,  
Alumina Carrier For Catalysts**

## Product Description

### Product Description:

The PDH Alumina Carrier is a high-quality product designed for use in moving bed applications. With its white color and  $\text{Al}_2\text{O}_3$  chemical formula, this alumina carrier offers exceptional performance and reliability in various industrial processes.

One of the key features of the PDH Alumina Carrier is its low CaO content, which is guaranteed to be equal to or less than 0.05%. This ensures that the carrier maintains its integrity and stability during use, making it a dependable choice for moving bed systems.

Furthermore, the pore volume of the PDH Alumina Carrier ranges from 0.6 to 0.8  $\text{cm}^3/\text{g}$ , providing ample space for efficient adsorption and desorption processes. This optimal pore volume contributes to the carrier's effectiveness in promoting chemical reactions and facilitating mass transfer in moving bed applications.

In terms of moisture content, the PDH Alumina Carrier boasts a moisture level of equal to or less than 1%. This low moisture content helps prevent caking and ensures consistent performance over time, even in humid environments.

Whether used in petrochemical, pharmaceutical, or environmental applications, the PDH Alumina Carrier stands out as a versatile and reliable solution for various moving bed processes. Its white color and  $\text{Al}_2\text{O}_3$  composition make it easily distinguishable and compatible with a wide range of substances and conditions.

When seeking a high-performance alumina carrier for moving bed systems, the PDH Alumina Carrier is a top choice that delivers consistent quality and efficiency. Trust in its superior characteristics and specifications to enhance the performance of your industrial processes and achieve optimal results.

### Features:

**Product Name:** PDH Alumina Carrier

**Thermal Stability:** Up To 1200

**Na<sub>2</sub>O Content:**  $\leq 0.2\%$

**Pore Volume:** 0.6-0.8  $\text{cm}^3/\text{g}$

**Particle Size:** 1.6-1.8mm

**SiO<sub>2</sub> Content:**  $\leq 0.05\%$

### Technical Parameters:

Pore Volume	0.6-0.8 $\text{cm}^3/\text{g}$
Bulk Density	0.6-0.65 $\text{g}/\text{cm}^3$
Particle Size	1.6-1.8mm
MgO Content	$\leq 0.05\%$
Crystalline Phase	Q- $\text{Al}_2\text{O}_3$
SiO <sub>2</sub> Content	$\leq 0.05\%$
Na <sub>2</sub> O Content	$\leq 0.2\%$
Thermal Stability	Up To 1200
Color	White
Chemical Formula	$\text{Al}_2\text{O}_3$

### Applications:

The PDH carrier product, model number KMP-100, originating from China, offers a range of versatile applications across various industries due to its unique attributes. With a bulk density of 0.6-0.65  $\text{g}/\text{cm}^3$ , white color, and low MgO, CaO, and moisture content, this alumina carrier is a reliable choice for multiple scenarios.

One prominent application scenario for the PDH carrier is in the OLEFLEX process, where it serves as a crucial component for catalyst support. The high bulk density ensures stability and uniformity in the catalyst bed, while the low moisture content prevents unwanted reactions during the catalytic process.

Furthermore, the PDH carrier is ideally suited for use in OLEFLEX units that utilize Drip ball technology. The white color of the carrier enhances visibility and allows for easy monitoring of the catalyst bed, ensuring optimal performance.

Due to its excellent chemical composition and physical properties, the PDH carrier can also be employed in various petrochemical and refining applications. Its low MgO and CaO content make it a safe and reliable choice for processes that require precise control over impurities.

In addition to its industrial applications, the PDH carrier can also be utilized in environmental protection scenarios where catalyst support materials are needed for air and water treatment processes. The high bulk density and chemical purity of the carrier make it a sustainable and effective solution for such applications.

Overall, the PDH carrier, with its exceptional attributes and versatile applications, is a valuable product for industries ranging from petrochemicals to environmental protection. Whether used in OLEFLEX processes, Drip ball technology, or other catalytic applications, this alumina carrier delivers consistent performance and reliability.

## Customization:

Product Customization Services for the PDH Alumina Carrier product: .....

**Brand Name:** PDH carrier

**Model Number:** KMP-100

**Place of Origin:** CHINA

**Crystalline Phase:**  $\gamma$ -Al<sub>2</sub>O<sub>3</sub>

**Pore Volume:** 0.6-0.8 cm<sup>3</sup>/g

**CaO Content:**  $\leq 0.05\%$

**Na<sub>2</sub>O Content:**  $\leq 0.2\%$

**SiO<sub>2</sub> Content:**  $\leq 0.05\%$

## Support and Services:

The PDH Alumina Carrier product offers comprehensive Product Technical Support and Services to ensure optimal performance and customer satisfaction. Our dedicated team of experts is available to assist with any technical inquiries, troubleshooting, and guidance related to the product. Additionally, we provide maintenance services, training programs, and product updates to enhance the overall user experience. Our goal is to deliver top-notch support to maximize the value and performance of the PDH Alumina Carrier for our customers.

## Packing and Shipping:

Product Name: PDH Alumina Carrier .....

Description: The PDH Alumina Carrier is a high-quality carrier material designed for use in petrochemical processes.

Package Contents: 1 bag of PDH Alumina Carrier

Package Weight: 10 lbs

Package Dimensions: 12" x 8" x 4"

Shipping Method: Standard Shipping

Shipping Cost: \$10

## 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 are the dimensions of the PDH Alumina Carrier?**

A: The dimensions of the PDH Alumina Carrier are [insert dimensions here].

**Q: Is the PDH Alumina Carrier compatible with all types of PDH systems?**

A: Yes, the PDH Alumina Carrier is compatible with all types of PDH systems.



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