



## White PDH Alumina Carrier Mgo Content $\leq$ 0.05% Sio2 Content $\leq$ 0.05%

### Our Product Introduction

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#### Basic Information

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



#### Product Specification

- Sio2 Content:  $\leq$ 0.05%
- Particle Size: 1.6-1.8mm
- Moisture Content:  $\leq$ 1%
- Surface Area: 100-110 M2/g
- Pore Volume: 0.6-0.8 Cm3/g
- Bulk Density: 0.6-0.65 G/cm3
- Na2O Content:  $\leq$ 0.2%
- Cao Content:  $\leq$ 0.05%
- Highlight: **White PDH Alumina Carrier ,  
Mgo Content $\leq$ 0.05% PDH Alumina Carrier ,  
Sio2 Content $\leq$ 0.05% PDH Alumina Carrier**

## Product Description

### Product Description:

The PDH Alumina Carrier is a high-quality product designed for various industrial applications, known for its exceptional performance and reliability. This alumina carrier is specifically formulated to meet the demanding requirements of diverse industries, providing excellent results and consistent quality.

One of the key features of the PDH Alumina Carrier is its low CaO content, which is maintained at  $\leq 0.05\%$ . This ensures that the product meets strict quality standards and minimizes any potential impurities that could affect its performance.

Additionally, the alumina carrier contains a low MgO content of  $\leq 0.05\%$ , further enhancing its purity and suitability for a wide range of applications. The controlled levels of MgO contribute to the overall stability and effectiveness of the product.

The PDH Alumina Carrier offers a significant pore volume ranging from 0.6 to 0.8 cm<sup>3</sup>/g, providing ample space for adsorption and catalytic processes. This high pore volume enhances the product's efficiency and effectiveness in various industrial processes.

With an impressive thermal stability of up to 1200 , the PDH Alumina Carrier is capable of withstanding high temperatures without compromising its structural integrity. This exceptional thermal stability makes the product ideal for applications that require sustained heat resistance and reliability.

Furthermore, the alumina carrier maintains a low Na<sub>2</sub>O content of  $\leq 0.2\%$ , ensuring minimal presence of sodium oxide that could potentially interfere with the intended industrial processes. The controlled Na<sub>2</sub>O content contributes to the overall purity and performance of the product.

In summary, the PDH Alumina Carrier is a top-tier product known for its exceptional quality and performance in various industrial applications. With its low CaO and MgO content, high pore volume, impressive thermal stability, and controlled Na<sub>2</sub>O content, this alumina carrier is a reliable choice for industries seeking a high-performance solution for their specific needs.

### Features:

**Product Name:** PDH Alumina Carrier

**Bulk Density:** 0.6-0.65 G/cm<sup>3</sup>

**Chemical Formula:** Al<sub>2</sub>O<sub>3</sub>

**Particle Size:** 1.6-1.8mm

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

**Thermal Stability:** Up To 1200

### Technical Parameters:

Bulk Density	0.6-0.65 g/cm <sup>3</sup>
MgO Content	$\leq 0.05\%$
Moisture Content	$\leq 1\%$
Thermal Stability	Up to 1200°C
CaO Content	$\leq 0.05\%$
SiO <sub>2</sub> Content	$\leq 0.05\%$
Pore Volume	0.6-0.8 cm <sup>3</sup> /g
Particle Size	1.6-1.8mm
Color	White
Surface Area	100-110 m <sup>2</sup> /g

### Applications:

The PDH Alumina Carrier, also known as the PDH carrier KMP-100, is a high-quality product originating from China. With a pore volume ranging from 0.6 to 0.8 cm<sup>3</sup>/g, low Na<sub>2</sub>O content of  $\leq 0.2\%$ , and chemical formula Al<sub>2</sub>O<sub>3</sub>, this alumina carrier is ideal for various applications and scenarios.

One key application occasion for the PDH Alumina Carrier is in the OLEFLEX process, where it serves as a crucial component in catalyst formulations. Its particle size of 1.6-1.8mm makes it suitable for use in fluidized bed reactors, enhancing the efficiency of the OLEFLEX process.

Another common scenario for utilizing the PDH Alumina Carrier is in MOVING BED systems. The carrier's white color and specific pore volume make it well-suited for applications where constant movement and distribution of catalyst particles are required for optimal performance.

Additionally, the PDH Alumina Carrier is often employed in scenarios involving Drip ball technologies. Its precise particle size and chemical composition contribute to the effectiveness of Drip ball applications, ensuring consistent and reliable performance in various industrial processes.

### Customization:

Product Customization Services for the PDH Alumina Carrier:

Brand Name: PDH carrier  
Model Number: KMP-100  
Place of Origin: CHINA  
Particle Size: 1.6-1.8mm  
Pore Volume: 0.6-0.8 Cm3/g  
Surface Area: 100-110 M2/g  
Color: White  
Moisture Content: ≤1%

## 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 capacity of the PDH Alumina Carrier?**

A: The capacity of the PDH Alumina Carrier is 100 kilograms.

**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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