



## Large Pore Revolutionize Catalysts PDH Alumina Carrier Ultimate Solution Spherical

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
- Na<sub>2</sub>O Content: ≤0.2%
- Surface Area: 100-110 M<sup>2</sup>/g
- Crystalline Phase: Q-Al<sub>2</sub>O<sub>3</sub>
- Moisture Content: ≤1%
- Mgo Content: ≤0.05%
- Cao Content: ≤0.05%
- Bulk Density: 0.6-0.65 G/cm<sup>3</sup>
- Highlight: **PDH Alumina Catalyst Carrier,  
Large Pore PDH Alumina Carrier,  
Spherical PDH Alumina Carrier**

## Product Description

### Product Description:

The PDH Alumina Carrier has an Fe<sub>2</sub>O<sub>3</sub> content of ≤0.02%, ensuring that it does not contribute to the production of unwanted impurities in the propylene product. The low SiO<sub>2</sub> content of ≤0.05% further enhances the purity of the final product, while the Na<sub>2</sub>O content of ≤0.2% helps to prevent the formation of undesirable by-products.

The particle size of the PDH Alumina Carrier is carefully controlled at 1.6-1.8mm to ensure optimal performance in the reactor. This size range is ideal for use in both drip ball and moving bed reactors, allowing for efficient and effective propylene production.

In addition to its exceptional purity and particle size, the PDH Alumina Carrier has a moisture content of ≤1%, which further enhances its suitability for use in the PDH process. This low moisture content helps to prevent unwanted reactions and ensures consistent performance over time.

Overall, the PDH Alumina Carrier is an excellent choice for companies looking to enhance the efficiency and purity of their propylene production process. With its exceptional purity, carefully controlled particle size, and low moisture content, this product is an essential component for any successful PDH operation.

### Features:

Product Name: PDH Alumina Carrier

**Mgo Content:** ≤0.05%

**Thermal Stability:** Up To 1200

**Cao Content:** ≤0.05%

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

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

Features: OLEFLEX, MOVING BED, MOVING BED

### Technical Parameters:

Chemical Formula	Al <sub>2</sub> O <sub>3</sub>
Sio <sub>2</sub> Content	≤0.05%
Na <sub>2</sub> O Content	≤0.2%
Thermal Stability	Up To 1200
Appearance	White Powder
Bulk Density	0.6-0.65 G/cm <sup>3</sup>
Particle Size	1.6-1.8mm
Cao Content	≤0.05%
Fe <sub>2</sub> O <sub>3</sub> Content	≤0.02%
Crystalline Phase	Q-Al <sub>2</sub> O <sub>3</sub>

Drip ball, Drip ball, Drip ball

### Applications:

One of the primary applications of PDH carrier is as a drip ball in the production of polypropylene (PP) using the OLEFLEX technology. PDH carrier is known for its excellent fluidization and heat transfer properties, which make it ideal for use in the fluidized bed reactor of the OLEFLEX process. By using PDH carrier, manufacturers can achieve consistent and high-quality PP production, which is crucial for meeting the demands of the market.

PDH carrier is also commonly used in other industries, such as petrochemicals, pharmaceuticals, and electronics. In the petrochemical industry, PDH carrier is used as a catalyst support material in the production of various chemicals, including olefins, aromatics, and alkylates. It is also used in the production of catalysts for the synthesis of methanol and ammonia. In the pharmaceutical industry, PDH carrier is used in the manufacture of drugs, particularly in the production of active pharmaceutical ingredients (APIs). In the electronics industry, PDH carrier is used as a filler material in the production of ceramic capacitors and other electronic components.

The versatility of PDH carrier makes it an excellent choice for different occasions and scenarios. Its high-quality formulation and reliable performance make it a popular option for various applications. Whether you are in the polypropylene, petrochemical, pharmaceutical, or electronics industry, PDH carrier can meet your needs and exceed your expectations. So why not try PDH carrier today and experience its excellent benefits for yourself?

### Customization:

Customize your PDH Alumina Carrier (KMP-100) with our product customization services. Our product originates from China and boasts the following attributes:

**Model Number:** KMP-100

**Place of Origin:** CHINA

**Sio2 Content:** ≤0.05%  
**Pore Volume:** 0.6-0.8 Cm3/g  
**Thermal Stability:** Up To 1200  
**Appearance:** White Powder  
**Crystalline Phase:** Q-Al2O3

Our customization services can cater to your specific needs, whether it be for use in Drip ball, OLEFLEX, or any other application. Contact us today to discuss your requirements.

## Support and Services:

The PDH Alumina Carrier product is designed to provide excellent performance in various industrial applications. Our technical support and services team is dedicated to helping you achieve optimal results with our product. Here are some of the services we offer: We are committed to providing exceptional customer service and ensuring your satisfaction with our product. Contact us for any technical support or service needs related to PDH Alumina Carrier.

## Packing and Shipping:

Product Packaging: .....

**The PDH Alumina Carrier product is packaged in durable cardboard boxes.**

**Each box contains 25 kg of the product.**

**The boxes are labeled with the product name, weight, and lot number for easy identification.**

Shipping:

**The PDH Alumina Carrier product is shipped via ground transportation.**

**Shipping is available to all locations within the continental United States.**

**Orders are processed and shipped within 2 business days of receipt.**

**Shipping charges are calculated based on the weight of the order and the destination.**

## 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 made?

A: This product is made in China.

Q: What is the maximum temperature this carrier can withstand?

A: This carrier can withstand temperatures up to 1500°C.

Q: What is the weight of this carrier?

A: The weight of this carrier is approximately 2.5 kg.



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