



Q-Al₂O₃ Crystalline Phase 100-110 M²/g PDH Alumina Carrier

Our Product Introduction

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Basic Information

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



Product Specification

- Crystalline Phase: Q-Al₂O₃
- Chemical Formula: Al₂O₃
- Particle Size: 1.6-1.8mm
- Cao Content: ≤0.05%
- Moisture Content: ≤1%
- Na₂O Content: ≤0.2%
- Mgo Content: ≤0.05%
- Surface Area: 100-110 M²/g
- Highlight: **Alumina Catalyst Carrier For PDH Catalyst,
Polydispersive Aluminium Oxide Catalyst
Carrier
, Al₂O₃ PDH Alumina Carrier**

Product Description

Product Description:

One of the key features of the PDH Alumina Carrier product is its low Na₂O content, which is $\leq 0.2\%$. This is essential for ensuring that the end product is of the highest quality, with minimal impurities that could affect its performance. The low Na₂O content also helps to improve the overall stability and reliability of the product.

The PDH Alumina Carrier product also has a low Mgo content, which is $\leq 0.05\%$. This helps to further improve the quality and performance of the end product, as well as ensuring that it is safe to use and handle. The low Mgo content also helps to minimize any potential adverse reactions or interactions with other chemicals or materials.

Another important attribute of the PDH Alumina Carrier product is its low CaO content, which is $\leq 0.05\%$. This is essential for ensuring that the end product is of the highest quality, with minimal impurities that could affect its performance. The low CaO content also helps to improve the overall stability and reliability of the product.

The PDH Alumina Carrier product has a bulk density of 0.6-0.65 G/cm³, which makes it ideal for use in the manufacture of Drip ball and other catalyst carriers. The high bulk density ensures that the product is easy to handle and transport, while also providing excellent performance and durability. The product is also very easy to store, making it a convenient choice for manufacturers and suppliers.

The appearance of the PDH Alumina Carrier product is a white powder, which is clean and consistent in quality. This ensures that the end product is of the highest quality, with minimal impurities or inconsistencies that could affect its performance. The white powder appearance also makes it easy to identify and use in manufacturing processes.

In summary, the PDH Alumina Carrier product is a high-quality white powder that is ideal for use in the manufacture of Drip ball and other catalyst carriers. Its low Na₂O, Mgo, and CaO content, combined with its high bulk density and consistent appearance, make it a reliable and effective choice for manufacturers and suppliers in the chemical and petrochemical industries.

Features:

Product Name: PDH Alumina Carrier

Bulk Density: 0.6-0.65 G/cm³

CaO Content: $\leq 0.05\%$

Pore Volume: 0.6-0.8 Cm³/g

Fe₂O₃ Content: $\leq 0.02\%$

Na₂O Content: $\leq 0.2\%$

PDH

Drip ball

Technical Parameters:

Product Attribute	Technical Parameter
Product Name	PDH Alumina Carrier
Chemical Formula	Al ₂ O ₃
Crystalline Phase	Q-Al ₂ O ₃
Appearance	White Powder
Particle Size	1.6-1.8mm
Surface Area	100-110 M ² /g
Moisture Content	$\leq 1\%$
Bulk Density	0.6-0.65 G/cm ³
SiO ₂ Content	$\leq 0.05\%$
Na ₂ O Content	$\leq 0.2\%$
CaO Content	$\leq 0.05\%$

Applications:

The PDH carrier product is ideal for various product application occasions. It is widely used as a drip ball in oil and gas industries. This product is known for its exceptional thermal stability, making it an excellent choice for chemical processing equipment. Due to its superior thermal stability, PDH carrier is also used in high-temperature furnaces, particularly in the production of ceramics. Furthermore, this product can be used in petrochemical catalysts, where it helps to prevent catalyst deactivation.

PDH carrier is also used in the production of electronic components such as semiconductors, where it provides excellent insulation. The product is also used in the production of high-purity alumina, which is used in the production of LED light bulbs and LCD screens. PDH carrier is also used in the production of refractory materials, where it provides excellent thermal insulation and resistance to chemical corrosion.

In summary, the PDH carrier product is a highly versatile product that is used in a wide range of applications. Its exceptional thermal stability, combined with its ability to resist chemical corrosion, makes it a popular choice for industrial applications. Whether it is used as a drip ball in oil and gas industries, in high-temperature furnaces, or in the production of electronic components, PDH carrier is a reliable

and effective product that can be used in a variety of scenarios.

Customization:

Customize your PDH Alumina Carrier with our product customization services: -----

Brand Name: PDH carrier

Model Number: KMP-100

Place of Origin: CHINA

Pore Volume: 0.6-0.8 Cm³/g

Bulk Density: 0.6-0.65 G/cm³

Surface Area: 100-110 M²/g

Thermal Stability: Up To 1200

Crystalline Phase: γ -Al₂O₃

Our customization services include:

Customized OLEFLEX coating to improve catalyst performance

Customized sizing for use in MOVING BED reactors

Support and Services:

The PDH Alumina Carrier product is a high-quality support material that is engineered to provide exceptional performance in chemical processes. Our technical support team is available to assist with any questions or concerns that may arise regarding the use of this product.

Our goal is to provide you with the highest level of customer satisfaction by delivering quality products and exceptional support services. Please don't hesitate to contact us if you have any questions or if you would like to learn more about our PDH Alumina Carrier product.

Packing and Shipping:

Product Packaging: -----

The PDH Alumina Carrier product is packaged in a sturdy cardboard box to ensure safe delivery. The product is securely wrapped in bubble wrap and sealed in a plastic bag to prevent any damage or contamination during shipping. The box is labeled with the product name, quantity, and any necessary handling instructions.

Shipping:

Our shipping method for the PDH Alumina Carrier product is through a trusted courier service. Shipping rates and delivery times may vary depending on the destination. Customers will receive a tracking number to monitor the progress of their shipment. We take great care in ensuring that our products are delivered on time and in good condition.

FAQ:

Q: What is PDH carrier? -----

A: PDH carrier is a product made of alumina ceramic material that is used as a carrier or support for catalysts in various chemical processes.

Q: What is the model number of PDH carrier?

A: The model number of our PDH carrier is KMP-100.

Q: Where is PDH carrier made?

A: PDH carrier is made in China.

Q: What are the dimensions of PDH carrier?

A: The dimensions of our PDH carrier are 1/8" diameter x 1/8" length.

Q: What is the maximum temperature that PDH carrier can withstand?

A: PDH carrier can withstand temperatures up to 1000°C.



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