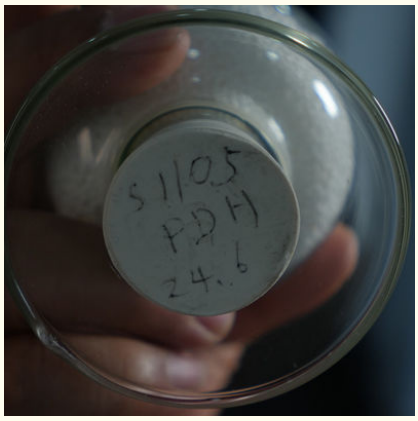
PDH Alumina Carrier Improves Efficiency In Petrochemical Processes

Our Product Introduction

Basic Information

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



Product Specification

- Sio2 Content: ≤0.05%
- Bulk Density: 0.8-1.2 G/cm3
- Cao Content: ≤0.05%
- Na2O Content: ≤0.2%
- Moisture Content: ≤1%
- Thermal Stability: ≥900
- Color: White
- Mgo Content: ≤0.05%
- Application: Catalyst Support
- Purity: 99.9%
- Particle Size: 1-5 Microns
- Pore Size: 0.4-0.6nm
- Temperature High Temperature Resistance

Our Product Introduction

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Product Description

Product Description:

The PDH Alumina Carrier is a vital product designed for various industrial applications, offering exceptional performance thanks to its unique characteristics.
With a pore volume between 0.6 and 0.8 cm^3/g, the PDH Alumina Carrier provides ample space for adsorption and catalytic activities. This optimal pore volume ensures effective use in multiple applications that require a high surface area.
Featuring a minimal MgO content of no more than 0.05%, this carrier ensures purity and reliability across diverse industrial processes. The low MgO concentration enhances the product's stability and effectiveness in challenging environments.
The PDH Alumina Carrier has a particle size ranging from 1.6 to 1.8 mm, making it suitable for a broad array of applications. This specific size allows for effective utilization in processes that demand controlled flow dynamics and uniform distribution.
Additionally, with moisture content kept below 1%, this product guarantees consistent performance and durability. The low moisture levels help prevent issues such as agglomeration, ensuring reliable operation in various industrial contexts.
Composed of the chemical formula Al_2O_3, the PDH Alumina Carrier is made from high-quality materials that ensure superior performance and longevity. This chemical composition provides excellent stability and resistance to harsh operating conditions.
In summary, the PDH Alumina Carrier is a versatile and dependable product ideal for numerous industrial applications. Its unique combination of attributes, including optimal pore volume, low MgO content, specific particle size, minimal moisture content, and premium chemical formula, makes it an excellent choice for industries seeking a high-performance carrier.
Whether utilized in drip ball systems or other applications, the PDH Alumina Carrier delivers outstanding results and ensures efficient processes in a variety of industrial settings.

Features:

Product Name: PDH Alumina Carrier
Mgo Content: ≤0.05%
Particle Size: 1.6-1.8mm
Moisture Content: ≤1%
Bulk Density: 0.6-0.65 G/cm3
Thermal Stability: Up To 1200

Technical Parameters:

Pore Volume	0.6-0.8 Cm3/g
Moisture Content	≤1%
MgO Content	≤0.05%
CaO Content	≤0.05%
Surface Area	100-110 M2/g
Bulk Density	0.6-0.65 G/cm3
Na2O Content	≤0.2%
SiO2 Content	≤0.05%
Color	White
Chemical Formula	Al2O3

Applications:

The PDH Alumina Carrier, also referred to as the PDH Carrier KMP-100, is a premium product sourced from China. It features exceptional thermal stability, capable of withstanding temperatures up to 1200°C, along with low SiO_2 and CaO content (≤0.05%), a white color, and minimal Na_2O content (≤0.2%). These attributes make it ideal for various industrial applications.
One of the primary applications for the PDH Alumina Carrier is in OLEFLEX units. Its thermal stability and low impurity levels make it particularly suitable for OLEFLEX processes, where high temperatures and purity are crucial for optimal performance.
Another significant application area for the PDH Alumina Carrier is in MOVING BED reactors. The carrier's white color and chemical composition ensure it is a dependable choice for MOVING BED applications, promoting smooth material flow within the reactor.
Additionally, the PDH Alumina Carrier is effective in Drip Ball applications. Its high thermal stability enables it to endure the demanding conditions of Drip Ball processes, while its low impurity content guarantees the purity of the materials being processed.

Customization:

Customize your PDH Alumina Carrier product to meet your specific requirements:
- Brand Name: PDH carrier
- Model Number: KMP-100
- Place of Origin: CHINA
- Chemical Formula: Al2O3

- MgO Content: ≤0.05%
- CaO Content: ≤0.05%
- Bulk Density: 0.6-0.65 G/cm3
- Thermal Stability: Up To 1200

Enhance your PDH Alumina Carrier for applications such as MOVING BED, OLEFLEX, and MOVING BED.

FAQ:

Q: What is the brand name of the alumina carrier product?
A: The brand name is PDH carrier.
Q: What is the model number of the alumina carrier product?
A: The model number is KMP-100.
Q: Where is the alumina carrier product manufactured?
A: The alumina carrier product is manufactured in CHINA.
Q: What are the dimensions of the PDH carrier alumina carrier?
A: The dimensions of the PDH carrier alumina carrier are X inches (length) by Y inches (width) by Z inches (height).
Q: Can the alumina carrier be used for high-temperature applications?
A: Yes, the PDH carrier alumina carrier is suitable for high-temperature applications.

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