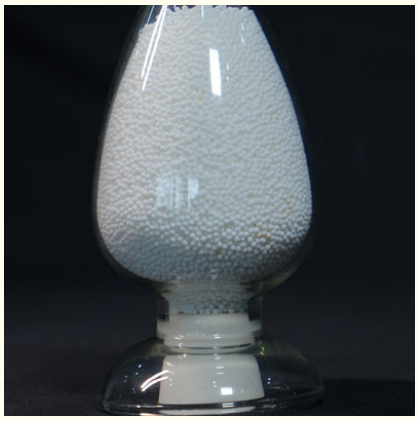
PDH Alumina Carrier Optimal Choice For Catalyst Support In Industrial

Our Product Introduction

Basic Information

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



Product Specification

- Bulk Density: 0.6-0.65 G/cm3
- Mgo Content: ≤0.05%
- Thermal Stability: Up To 1200
- Moisture Content: ≤1%
- Particle Size: 1.6-1.8mm
- Cao Content: ≤0.05%
- Color: White
- Pore Volume: 0.6-0.8 Cm3/g
- Highlight: **Catalyst Support PDH Alumina Carrier**, **Industrial Alumina Carrier**, **Industrial PDH Alumina Carrier**

Product Description

Product Description:

The PDH Alumina Carrier is a high-quality product designed for use as a carrier material in various industrial applications. With a pore volume ranging from 0.6 to 0.8 cm3/g, this alumina carrier offers excellent absorption and adsorption capabilities, making it ideal for use in processes requiring efficient material transport and separation.

One of the standout features of the PDH Alumina Carrier is its particle size, which falls within the range of 1.6 to 1.8mm. This specific particle size makes it well-suited for applications where uniformity and consistency in material flow are crucial. Whether used as a drip ball in a chemical reactor or as part of a moving bed system, this alumina carrier delivers reliable performance.

Furthermore, the PDH Alumina Carrier boasts low levels of Sio2 and Mgo content, with both being equal to or less than 0.05%. This ensures high purity and minimal impurities, making it a dependable choice for sensitive processes that require clean and uncontaminated materials.

In addition to its exceptional characteristics, the PDH Alumina Carrier has a bulk density ranging from 0.6 to 0.65 g/cm3. This optimal bulk density provides the right balance between porosity and structural integrity, allowing for efficient loading and unloading operations in various industrial settings.

Whether you are looking to enhance the performance of a drip ball system, improve the efficiency of a PDH reactor, or optimize the operation of a moving bed application, the PDH Alumina Carrier is a versatile and reliable solution. Its unique combination of pore volume, particle size, low impurity content, and bulk density makes it a top choice for industries seeking high-quality carrier materials.

Features:

Product Name: PDH Alumina Carrier
Na2O Content: ≤0.2%
Thermal Stability: Up To 1200
Mgo Content: ≤0.05%
Cao Content: ≤0.05%
Color: White

Technical Parameters:

Surface Area	100-110 M2/g
Cao Content	≤0.05%
Na2O Content	≤0.2%
Chemical Formula	Al2O3
Particle Size	1.6-1.8mm
Bulk Density	0.6-0.65 G/cm3
Pore Volume	0.6-0.8 Cm3/g
Moisture Content	≤1%
Color	White
Mgo Content	≤0.05%

Applications:

The PDH carrier (Model: KMP-100) is a versatile product originating from China, known for its exceptional quality and performance. With a particle size range of 1.6-1.8mm, pore volume of 0.6-0.8 cm3/g, and chemical formula Al2O3, this carrier is designed to meet a wide range of industrial needs.

One of the significant advantages of the PDH carrier is its suitability for various applications in different scenarios. One such application scenario is in moving bed reactors. The uniform particle size and optimal pore volume make it an ideal choice for processes that require a moving bed system. The PDH carrier ensures efficient flow dynamics and excellent contact between the reactants, enhancing the overall performance of the reactor.

Additionally, the PDH carrier is well-suited for scenarios involving drip ball applications. Its precise particle size distribution and high pore volume enable effective absorption and retention of liquids, making it perfect for drip ball systems. Whether used in gas or liquid phase applications, the PDH carrier delivers consistent and reliable performance.

Moreover, the PDH carrier's bulk density of 0.6-0.65 g/cm3 and low moisture content of ≤1% further enhance its usability across various industries. From petrochemical plants to environmental engineering projects, this product offers exceptional versatility and durability.

In summary, the PDH carrier (Model: KMP-100) is a premium product that excels in moving bed and drip ball applications. Its superior quality, originating from China, makes it a preferred choice for industries looking for reliable and high-performance alumina carriers.

Customization:

Product Customization Services for the PDH Alumina Carrier:
Brand Name: PDH carrier

Model Number: KMP-100
Place of Origin: CHINA
Na2O Content: ≤0.2%
Moisture Content: ≤1%
Bulk Density: 0.6-0.65 G/cm3
CaO Content: ≤0.05%
SiO2 Content: ≤0.05%

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 material used in the PDH Alumina Carrier?
A: The PDH Alumina Carrier is made of high-quality alumina material.
Q: Is the PDH Alumina Carrier suitable for high-temperature applications?
A: Yes, the PDH Alumina Carrier is designed to withstand high temperatures and is suitable for such applications.

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