MOVING BED The Ultimate Solution For Pore Volume Of 0.6-0.8 Cm3/G In Water Purification

Our Product Introduction

Basic Information

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

Product Specification

- Fe2O3 Content: ≤0.02%
- Mgo Content: ≤0.05%
- Color: White
- Na2O Content: ≤0.2%
- Sio2 Content: ≤0.05%
- Crystalline Phase: Q-Al2O3
- Surface Area: 100-110 M2/g
- Cao Content: ≤0.05%
- Highlight: **CAS 7440-05-3 Palladium on Alumina**, **AL2O3 PDH Alumina Carrier**, **Alumina Carrier For Catalysts**

Product Description

Product Description:

The PDH Alumina Carrier is a versatile product designed for use in various industrial applications. With a chemical formula of Al2O3, this alumina carrier offers exceptional performance and reliability in processes requiring a high-quality carrier material.
One key feature of the PDH Alumina Carrier is its low Na2O content, which is ≤0.2%. This attribute ensures that the carrier material is suitable for applications where strict purity requirements must be met. The low Na2O content also contributes to the overall stability and effectiveness of the carrier in different operating conditions.
Another important characteristic of the PDH Alumina Carrier is its impressive pore volume, ranging from 0.6 to 0.8 cm3/g. This substantial pore volume makes the carrier ideal for applications such as MOVING BED processes, where efficient mass transfer and high surface area are essential for optimal performance. The pore volume of the alumina carrier allows for enhanced adsorption and desorption capabilities, making it a reliable choice for various industrial processes.
In addition to its pore volume, the PDH Alumina Carrier boasts a low Fe2O3 content of ≤0.02%. This low iron oxide content is crucial for applications where catalyst poisons must be minimized to ensure consistent and long-lasting performance. The low Fe2O3 content of the alumina carrier helps maintain the catalyst's activity and selectivity, making it suitable for demanding processes that require high purity and efficiency.
Furthermore, the PDH Alumina Carrier features a low Mgo content of ≤0.05%. This attribute is particularly beneficial for applications that require a stable and reliable carrier material with minimal impurities. The low Mgo content contributes to the overall quality and durability of the alumina carrier, ensuring consistent performance over extended periods of use.
Whether used in MOVING BED applications, drip ball systems, or PDH processes, the PDH Alumina Carrier delivers exceptional performance and reliability. Its superior chemical composition, including low Na2O, Fe2O3, and Mgo contents, combined with a high pore volume, make it a versatile and efficient choice for various industrial applications.

Features:

Product Name: PDH Alumina Carrier
Chemical Formula: Al2O3
Sio2 Content: ≤0.05%
Mgo Content: ≤0.05%
Crystalline Phase: Q-Al2O3
Cao Content: ≤0.05%

Technical Parameters:

Cao Content	≤0.05%
Sio2 Content	≤0.05%
Fe2O3 Content	≤0.02%
Color	White
Chemical Formula	Al2O3
Mgo Content	≤0.05%
Bulk Density	0.6-0.65 G/cm3
Pore Volume	0.6-0.8 Cm3/g
Thermal Stability	Up To 1200
Moisture Content	≤1%

Applications:

The PDH carrier, model number KMP-100, is a versatile alumina carrier product that finds application in a wide range of scenarios due to its excellent attributes. Manufactured in CHINA, this product boasts a Fe2O3 content of ≤0.02%, ensuring high purity in various processes.
With a surface area of 100-110 M2/g, the PDH carrier is highly efficient in adsorption and catalytic processes. Its thermal stability up to 1200 makes it suitable for demanding applications where high temperatures are involved, such as in the OLEFLEX process.
The low Na2O content of ≤0.2% further enhances the suitability of this product for use in catalysts and adsorbents. The particle size of 1.6-1.8mm makes it ideal for applications such as drip balls, where uniformity in size is crucial for effective performance.
The PDH carrier can be effectively used in various product application occasions and scenarios, including but not limited to:
- OLEFLEX Process: The high thermal stability of the PDH carrier makes it an ideal choice for use in OLEFLEX processes, where it can serve as a catalyst support for olefin production.
- Drip Ball Applications: The uniform particle size of the PDH carrier makes it suitable for use in drip ball applications, where it can be utilized for gas and liquid distribution in packed beds.
Overall, the PDH carrier offers a reliable and high-performance solution for a variety of industrial applications, thanks to its exceptional attributes and versatility.

Customization:

Product Customization Services for PDH Alumina Carrier:
Brand Name: PDH carrier
Model Number: KMP-100
Place of Origin: CHINA
Cao Content: ≤0.05%
Sio2 Content: ≤0.05%
Na2O Content: ≤0.2%
Particle Size: 1.6-1.8mm
Crystalline Phase: Q-Al2O3
Keywords: MOVING BED, OLEFLEX, MOVING BED

Packing and Shipping:

Product: PDH Alumina Carrier
Description: High-quality alumina carrier for various industrial applications.
Package Contents: 1 PDH Alumina Carrier
Package Dimensions: 10in x 6in x 4in
Shipping Method: Standard ground shipping
Shipping Cost: $10.00

FAQ:

Q: What is the brand name of this alumina carrier product?
A: The brand name of this alumina carrier product is PDH carrier.
Q: What is the model number of this alumina carrier?
A: The model number of this alumina carrier is KMP-100.
Q: Where is this alumina carrier manufactured?
A: This alumina carrier is manufactured in China.
Q: What is the material used in making this alumina carrier?
A: The alumina carrier is made of high-quality alumina material.
Q: Can this alumina carrier be used for high-temperature applications?
A: Yes, this alumina carrier is designed to withstand high temperatures, making it suitable for various applications requiring heat resistance.

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