Achieve Optimal Pore Size Alumina PDH Support ≤ 0.05% SiO2 Content Guaranteed

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Minimum Order Quantity: 1T
- Packaging Details: Customer demand, drum or ton pack
- Supply Ability: 2000T/year

Product Specification

- Mgo Content: ≤0.05%
- Packing Density: 0.7-0.9g/cm3
- Pore Size: 0.4-0.6nm
- Temperature Resistance: High Temperature Resistance
- Chemical Stability: Acid And Alkali Resistant
- SiO2 Content: ≤ 0.05%
- Highlight: **Alumina PDH Support**, **PDH Alumina Catalyst Carrier**

Product Description

Product Description:

PDH Alumina Carrier is the ideal choice for achieving optimal performance in high-temperature and high-pressure conditions. This versatile product serves as a reliable support for PDH catalysts, ensuring efficient catalytic reactions in various industrial processes. Customizable in size, PDH Alumina Carrier offers flexibility to meet specific requirements and applications. Whether used in pilot plants or large-scale industrial operations, this product can be tailored to fit the unique needs of each project.
The chemical composition of PDH Alumina Carrier is primarily Al2O3, providing excellent thermal stability and durability. This composition makes it well-suited for withstanding extreme temperatures and harsh operating conditions, making it a dependable choice for demanding applications.
In addition to its robust chemical composition, PDH Alumina Carrier boasts exceptional chemical stability. Resistant to acids and alkalis, this product maintains its structural integrity and performance even when exposed to corrosive environments, ensuring long-lasting effectiveness and reliability.
With a pore volume ranging from 0.6 to 0.8 cm3/g, PDH Alumina Carrier offers ample surface area for catalytic reactions to take place effectively. The well-defined pore structure enhances mass transfer and catalytic efficiency, making it an efficient and high-performing carrier for PDH processes.
PDH Alumina Carrier is specifically designed to meet the stringent requirements of the PDH process. Its unique properties make it an ideal choice for supporting catalysts in propane dehydrogenation reactions, enabling the production of valuable propylene with high selectivity and efficiency.
Whether used in fixed-bed reactors, fluidized bed reactors, or other catalytic systems, PDH Alumina Carrier delivers consistent and reliable performance. Its customizable size, excellent chemical stability, and optimal pore volume make it a preferred choice for achieving superior results in PDH applications.
Choose PDH Alumina Carrier for your catalytic needs and experience the benefits of a high-quality alumina carrier designed for optimal performance in high-temperature and high-pressure conditions. Trust in the reliability and efficiency of this product to enhance your PDH processes and achieve successful outcomes in your industrial operations.

Features:

Product Name: Choose PDH Alumina Carrier For Optimal Performance In High-Temperature And High-Pressure Conditions
Pore Volume: 0.6-0.8 Cm3/g
Applications: Essential for the dehydrogenation of propane, a key process in producing propylene within the petrochemical sector.
Purity: High Purity
Size: Customizable

Technical Parameters:

Pore Size	0.4-0.6nm
Specific Surface Area	≥0.5m²/g
Description	The PDH alumina carrier is a high-performance material known for its unique characteristics and vital role in catalytic processes.
Product Name	Choose PDH Alumina Carrier For Optimal Performance In High-Temperature And High-Pressure Conditions
Chemical Composition	Al2O3
Chemical Stability	Acid And Alkali Resistant
Application	Catalyst Support
Applications	Essential for the dehydrogenation of propane, a key process in producing propylene within the petrochemical sector.
Size	Customizable

Applications:

PDH Alumina Carrier, with the model number KMP-100, is a high-quality product originating from China, designed for optimal performance in high-temperature and high-pressure conditions. This alumina carrier is an essential component for the dehydrogenation of propane, a critical process in producing propylene within the petrochemical sector.
The PDH Alumina Carrier, under the brand name PDH Carrier, boasts high-temperature resistance, making it suitable for demanding industrial applications. With a SiO2 content of ≤ 0.05%, this carrier exhibits excellent chemical stability, being both acid and alkali resistant.
When considering product application occasions and scenarios, the PDH Alumina Carrier is best suited for industries involved in the production of propylene through the dehydrogenation of propane. Its high-temperature resistance and chemical stability make it an ideal

choice for use in reactors and catalytic processes requiring a robust catalyst support.
Customers can benefit from the flexibility offered by the PDH Alumina Carrier, with a minimum order quantity of 1 ton and a supply ability of 2000 tons per year. The packaging details can be customized according to customer demand, with options including drum or ton pack. Choose PDH Alumina Carrier for your PDH process needs to ensure optimal performance and reliability. This alumina carrier is specifically formulated to provide the necessary support for the alumina PDH catalyst, enabling efficient dehydrogenation of propane and propylene production.

FAQ:

Q: What is the model number of the PDH Alumina Carrier?
A: The model number is KMP-100.
Q: Where is the PDH Alumina Carrier manufactured?
A: It is manufactured in China.
Q: What is the minimum order quantity for the PDH Alumina Carrier?
A: The minimum order quantity is 1 ton.
Q: What is the supply ability of the PDH Alumina Carrier per year?
A: The supply ability is 2000 tons per year.
Q: How is the PDH Alumina Carrier packaged?
A: The packaging details can be customized based on customer demand, including drum or ton pack options.

Qingdao Junyao Catalyst New Material Technology Co., Ltd.

+8618254266810 jycat@qdjunyao.com.cn jyalumcatalyst.com