



Enhance Your Industrial Processes With PDH Catalyst For Optimal Performance

Our Product Introduction

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Basic Information

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



Product Specification

- Operating Temperature: 550-650°C
- Product Type: Catalyst
- Material: Platinum
- Catalyst Loading: 0.63 Kg/m³
- Lifetime: 2-3 Years
- Application: Petrochemical Industry
- Shape: Pellet
- Surface Area: 100-300 M²/g
- Size: 1-3 Mm
- Pore Size: 0.5-1.5 Nm
- Crushing Strength: ≥100 N/cm
- Pressure Range: 1-10 MPa
- Bulk Density: 0.6-0.8 G/cm³

Product Description

Product Description:

The PDH Catalyst is an essential product designed for the petrochemical industry, specifically tailored for processes such as Oil.Column and Oleflex. With a bulk density of 0.62 g/cm³, this catalyst ensures effective performance across various applications in the petrochemical sector.

As a catalyst, the PDH Catalyst is instrumental in facilitating key reactions within the petrochemical industry. Boasting a surface area of 100 m²/g, it offers a substantial active area for catalytic reactions, making it highly efficient in driving desired chemical transformations. A notable feature of the PDH Catalyst is its pore size of 20 nm. This characteristic enables optimal diffusion of reactants and products, thereby enhancing the overall efficiency of the catalytic processes in which it is utilized.

In terms of applications, the PDH Catalyst shines in the petrochemical field, particularly in Oil Column and Oleflex processes. Its distinctive properties make it a dependable and efficient catalyst for a wide array of reactions and transformations in these applications.

Features:

Product Name: PDH Catalyst

Operating Temperature: 550-650°C

Shape: Pellet

Size: 1.6 mm

Product Type: Catalyst

Pore Size: 20 nm

Technical Parameters:

Shape	Pellet
Material	Platinum
Bulk Density	0.62 G/cm3
Product Type	Catalyst
Operating Temperature	550-650°C
Catalyst Loading	0.63 Kg/m3
Pore Size	20 Nm
Application	Petrochemical Industry
Size	1.6 Mm
Surface Area	100 M2/g

Applications:

The PDH Catalyst, also known as KMP-100, is a product sourced from China and shaped into pellets with a diameter of 1.6 mm. Boasting a lifespan of 3 to 4 years and a surface area of 100 m²/g, this catalyst is specifically engineered for the petrochemical industry.

One of the primary applications of the PDH Catalyst is in the oleflex process. Its distinctive characteristics make it particularly suitable for oleflex units, where it facilitates the conversion of propane into propylene, an essential step in producing various petrochemicals.

Another key application area for the PDH Catalyst is in oil ammonia columns. Here, the catalyst plays a crucial role in transforming hydrocarbons into ammonia, significantly enhancing the efficiency and effectiveness of the overall process.

In summary, the PDH Catalyst, with its substantial surface area and extended lifespan, stands out as a reliable and efficient option for a variety of petrochemical applications, especially in oleflex units and oil ammonia columns.

Customization:

Product Customization Services for PDH Catalyst:

Brand Name: PDH catalyst

Model Number: KMP-100

Place of Origin: CHINA

Product Type: Catalyst

Lifetime: 3-4 Years

Size: 1.6 Mm

Application: Petrochemical Industry

Catalyst Loading: 0.63 Kg/m3

FAQ:

Q: What is the brand name of this product?

A: The brand name of this product is PDH Catalyst.

Q: What is the model number of this product?

A: The model number of this product is KMP-100.

Q: Where is this product made?

A: This product is made in China.

Q: Is the PDH Catalyst product suitable for industrial use?

A: Yes, the PDH Catalyst product is designed for industrial use.

Q: Can the PDH Catalyst product be used in high-temperature environments?

A: Yes, the PDH Catalyst product is suitable for use in high-temperature environments.



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