



## 550-650.C Temperature PDH Platinum Catalyst With 0.63 Kg/m3 Category

Our Product Introduction

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### Basic Information

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



### Product Specification

- Catalyst Loading: 0.63 Kg/m3
- Surface Area: 100 M2/g
- Material: Platinum
- Size: 1.6 Mm
- Bulk Density: 0.62 G/cm3
- Pore Size: 20 Nm
- Product Type: Catalyst
- Operating Temperature: 550-650°C
- Highlight: **PDH Platinum Catalyst,  
Propane Dehydrogenation Catalyst,  
catalyst in propane dehydrogenation**

## Product Description

### Product Description:

With a bulk density of 0.62 g/cm<sup>3</sup> and a size of 1.6 mm, the PDH Catalyst is the ideal choice for effective and efficient PDH operations. Its unique structure allows for excellent surface area contact, ensuring maximum conversion rates.

Operating at temperatures between 550-650°C, this catalyst is capable of withstanding high temperatures without sacrificing performance. Its 20 nm pore size provides excellent diffusion properties, allowing for faster reaction rates and increased production yields.

The PDH Catalyst is carefully engineered and tested to provide exceptional results, making it the go-to choice for petrochemical industry professionals. Its reliable and consistent performance ensures reliable and consistent production yields.

Trust the PDH Catalyst to meet your petrochemical industry needs and take your operations to the next level. Contact us today to learn more about how this innovative catalyst can benefit your business.

### Features:

Product Name: PDH Catalyst

Catalyst Loading: 0.63 Kg/m<sup>3</sup>

Product Type: Catalyst

Operating Temperature: 550-650°C

Pore Size: 20 Nm

Bulk Density: 0.62 G/cm<sup>3</sup>

Used for Oil column

Can be used in Oil ammonia column

Designed for moving bed systems

### Technical Parameters:

Material	Platinum
Operating Temperature	550-650°C
Surface Area	100 M <sup>2</sup> /g
Lifetime	3-4 Years
Shape	Pellet
Pore Size	20 Nm
Application	Petrochemical Industry (Oil column, Drip ball, oleflex)
Bulk Density	0.62 G/cm <sup>3</sup>
Catalyst Loading	0.63 Kg/m <sup>3</sup>
Product Type	Catalyst

### Applications:

The PDH Catalyst is a perfect fit for a wide range of applications. It can be used in moving bed reactors where it helps to convert propylene to propane. The catalyst's high activity and selectivity make it suitable for use in this kind of application. Additionally, it can be used in drip ball reactors where it helps to produce high-quality propylene with a high yield. The catalyst's excellent performance makes it ideal for use in this type of reactor.

The PDH Catalyst is also suitable for use in oil columns. In this application, the catalyst helps to convert propylene to propane, which is an essential process in the oil industry. The catalyst's high activity and selectivity make it perfect for use in this kind of application.

In conclusion, the PDH Catalyst is a top-quality product that is perfect for a wide range of applications. Its high activity and selectivity make it ideal for use in moving bed, drip ball, and oil column reactors. If you're looking for a catalyst that can help you produce high-quality propylene with a high yield, then the PDH Catalyst is the product for you.

### Customization:

Brand Name: PDH catalyst

Model Number: KMP-100

Place of Origin: CHINA

Operating Temperature: 550-650°C

Surface Area: 100 M<sup>2</sup>/g

Product Type: Catalyst

Pore Size: 20 Nm

Size: 1.6 Mm

Our customization options will allow you to tailor your PDH Catalyst for your specific needs, whether it be for use in a moving bed, Oil

ammonia column or other application.

### Support and Services:

The PDH Catalyst product technical support and services include:

Product installation and commissioning support

Technical troubleshooting and issue resolution

On-site or remote technical support

Product performance evaluation and optimization

Training on product usage and maintenance

Product upgrades and updates

Consulting services for process optimization and catalyst selection

### Packing and Shipping:

Product Packaging:

The PDH Catalyst product is packed in a sturdy, cardboard box to ensure safe transportation and delivery.

The product is sealed in a plastic bag to protect it from moisture and other external factors.

Inside the box, the product is cushioned with foam padding to prevent any damage during shipping.

Shipping:

The PDH Catalyst product is shipped via standard shipping methods.

Shipping is free within the continental United States.

For international shipping, additional charges may apply.

The estimated delivery time is 5-7 business days.

Tracking information will be provided once the product has shipped.



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