PDH Catalyst Improves The Efficiency Of Moving Bed Reactors And Changes The Prospects Of The Oil Industry

Our Product Introduction

Basic Information

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

Product Specification

- Material: Platinum
- Shape: Spherical
- Operating Temperature: 300-500°C
- Surface Area: 150-200 M2/g
- Application: Petrochemical Industry
- Bulk Density: 0.62 G/cm3
- Lifetime: 3-4 Years
- Size: 1.6 Mm
- Pressure: 1-10 Bar
- Catalyst Loading: 0.63 Kg/m3
- Support Material: Alumina
- Pore Volume: 0.3-0.5 Cm3/g
- Active Component: Platinum

Product Description

Product Description:

The PDH Catalyst is an essential product in the catalyst domain, specifically engineered for the petrochemical industry. It plays a vital role in various processes within this sector, ensuring optimal performance and efficiency.
Manufactured from high-quality Platinum, the PDH Catalyst offers exceptional durability and reliability. Platinum is renowned for its effectiveness in catalytic reactions, making it an ideal material for petrochemical applications. With a surface area of 100 m^2/g, this catalyst provides a significant active area for efficient reaction catalysis.
One of the key advantages of the PDH Catalyst is its impressive lifespan, which ranges from 3 to 4 years. This extended durability ensures long-term usability and cost-effectiveness for petrochemical operations.
In terms of applications, the PDH Catalyst excels in multiple processes within the petrochemical industry. Whether used in drip ball, oil column, or moving bed configurations, this catalyst demonstrates versatility and effectiveness. Its adaptability to various setups makes it a comprehensive solution for a wide array of petrochemical applications.
In a drip ball arrangement, the PDH Catalyst performs exceptionally well by facilitating critical reactions that are vital for the petrochemical sector. Its unique composition and structure enable it to convert feedstocks into valuable products efficiently, enhancing overall process performance.
Likewise, in an oil column setup, the PDH Catalyst continues to exhibit its catalytic capabilities by promoting essential reactions that lead to the production of key petrochemical products. Its high surface area and optimized material composition ensure smooth and efficient reactions, resulting in high yields and quality outputs.
When utilized in a moving bed configuration, the PDH Catalyst provides outstanding performance by supporting continuous catalytic reactions. Its robust construction and extended lifespan make it an excellent option for sustained operation in moving bed systems, where consistent catalytic activity is critical for process efficiency.
In summary, the PDH Catalyst emerges as a premier catalyst product tailored for the petrochemical industry. With its Platinum construction, large surface area, long lifespan, and versatile applications in drip ball, oil column, and moving bed setups, this catalyst is a reliable and efficient choice for driving essential petrochemical processes.

Features:

Product Name: PDH Catalyst
Shape: Pellet
Material: Platinum
Lifetime: 3-4 Years
Size: 1.6 Mm
Product Type: Catalyst

Technical Parameters:

Product Type	Catalyst
Material	Platinum
Lifetime	3-4 Years
Surface Area	100 M2/g
Pore Size	20 Nm
Shape	Pellet
Size	1.6 Mm
Operating Temperature	550-650°C
Catalyst Loading	0.63 Kg/m3
Application	Petrochemical Industry

Applications:

The PDH Catalyst, model KMP-100, is a premium catalyst from China, specifically engineered for a variety of product applications and scenarios. With an operating temperature range of 550-650°C, a catalyst loading of 0.63 kg/m^3, and a surface area of 100 m^2/g, the PDH Catalyst is well-suited for numerous industrial processes.
One of the primary application areas for the PDH Catalyst is in the oil industry, especially within moving bed reactors. Its 1.6 mm size is ideal for ensuring uniform and efficient catalyst distribution, which is essential for achieving optimal performance in such applications.
Furthermore, the PDH Catalyst is highly effective in oil refining processes, including oil columns and ammonia oil columns. Its substantial surface area and accurate catalyst loading make it a dependable choice for facilitating various reactions in these systems, thereby ensuring the efficient conversion of raw materials into valuable end products.
Whether upgrading existing processes or introducing new ones, the PDH Catalyst provides a versatile solution for industrial applications that demand superior catalytic performance. Its robust construction and demonstrated effectiveness make it a reliable option for companies seeking to enhance their catalytic processes.

Customization:

Customize your PDH Catalyst for optimal performance in the Petrochemical Industry. Enhance your Oil ammonia column operations with the PDH Catalyst model KMP-100, originating from CHINA. With a size of 1.6 mm and catalyst loading of 0.63 Kg/m3, this Platinum material catalyst is ideal for your moving bed application. Boost efficiency and output with this specialized Catalyst tailored for your needs.

FAQ:

Q: What is the brand name of the catalyst product?
A: The brand name of the catalyst product is PDH Catalyst.
Q: What is the model number of the catalyst product?
A: The model number of the catalyst product is KMP-100.
Q: Where is the catalyst product manufactured?
A: The catalyst product is manufactured in China.
Q: Is the PDH Catalyst product suitable for industrial applications?
A: Yes, the PDH Catalyst product is designed for industrial applications.
Q: Can the PDH Catalyst product be used in high-temperature processes?
A: Yes, the PDH Catalyst product is suitable for use in high-temperature processes.

Qingdao Junyao Catalyst New Material Technology Co., Ltd.

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