# Reaction Selectivity Cracked Gasoline Hydrogenation Catalyst Spherical Shape 150M2/g-200M2/g

Our Product Introduction

## Basic Information

- Place of Origin: CHINA
- Brand Name: Cracked Gasoline Hydrogenation Catalyst
- Model Number: KMH-07

## Product Specification

- Pore Size: 0.3-0.5 Nm
- Surface Area: 150-200 M2/g
- Composition: Nickel, Cobalt, Molybdenum, Alumina
- Bulk Density: 0.7-0.9 G/cm3
- Reaction Selectivity: 95-98%
- Catalyst Life: 2-3 Years
- Shape: Spherical
- Application: Hydrogenation Of Cracked Gasoline
- Highlight: **selectivity cracked gasoline hydrogenation catalyst** , **cracked gasoline hydrogenation catalyst spherical** , **selectivity h2 catalyst**

## Product Description

### Product Description:

The Cracked Gasoline Hydrogenation Catalyst has a long lifespan of 2-3 years, which makes it a cost-effective solution for hydrogenation processes. The catalyst is also designed with a pore size of 0.3-0.5 nm, which allows for optimum performance and selectivity in the hydrogenation process.
The Cracked Gasoline Hydrogenation Catalyst is specifically designed for the hydrogenation of cracked gasoline. It is highly effective in removing impurities such as sulfur and nitrogen compounds, as well as other contaminants that can affect the quality of the gasoline. The catalyst works by converting these impurities into harmless compounds, resulting in a cleaner and higher quality gasoline.
The Cracked Gasoline Hydrogenation Catalyst is a versatile catalyst that can be used in a wide range of applications. It is suitable for use in both fixed-bed and slurry-phase reactors, and can be used in both batch and continuous processes. The catalyst is also highly effective in the hydrogenation of other hydrocarbons, such as diesel and jet fuel.
In summary, the Cracked Gasoline Hydrogenation Catalyst is a highly efficient and cost-effective solution for the hydrogenation of cracked gasoline. It is a two-stage hydrogenation catalyst with a long lifespan of 2-3 years, making it a reliable and durable choice for various applications. With its pore size of 0.3-0.5 nm, the catalyst ensures optimum performance and selectivity in the hydrogenation process, resulting in a cleaner and higher quality gasoline.

### Technical Parameters:

| | |
|---|---|
| Application | Hydrogenation of Cracked Gasoline |
| Surface Area | 150-200 M2/g |
| Size | 1-3 mm |
| Pore Size | 0.3-0.5 nm |
| Catalyst Life | 2-3 years |
| Reaction Selectivity | 95-98% |
| Bulk Density | 0.7-0.9 g/cm3 |
| Shape | Spherical |
| Composition | Nickel, Cobalt, Molybdenum, Alumina |

This product is a nickel-based hydrogenation catalyst, specifically designed for the hydrogenation of cracked gasoline. It is a two-stage hydrogenation catalyst that has a surface area of 150-200 M2/g, a size of 1-3 mm, and a pore size of 0.3-0.5 nm. The catalyst has a life of 2-3 years and a reaction selectivity of 95-98%. Its bulk density is 0.7-0.9 g/cm3 and it has a spherical shape. Its composition includes nickel, cobalt, molybdenum, and alumina.

### Applications:

With a surface area of 150-200 M2/g and a pore size of 0.3-0.5 Nm, this catalyst provides an efficient reaction environment with a high reaction selectivity of 95-98%. This makes it an ideal choice for applications that require a high degree of selectivity, such as in the production of diesel, kerosene, and other high-quality fuels.
Our Cracked Gasoline Hydrogenation Catalyst is especially suited for use in one-stage hydrogenation processes. This means that it is able to perform both the hydrogenation reaction and the subsequent isomerization reaction in a single step, making it more efficient and cost-effective than alternative methods. It is also highly stable, with a catalytic life of 2-3 years, making it a reliable and long-lasting choice for industrial applications.
Some of the typical occasions and scenarios where our Cracked Gasoline Hydrogenation Catalyst can be applied include:

Hydrogenation of cracked gasoline to produce high-quality fuels

Hydrogenation of straight-run diesel to remove impurities and improve quality

Hydrogenation of kerosene to improve its combustion properties

Hydrogenation of heavy oil to reduce its viscosity and improve its flow properties

Our Cracked Gasoline Hydrogenation Catalyst is one of the best Nickel-based catalysts available in the market. It is highly effective, easy to use, and adaptable to a wide range of applications. If you need a reliable, high-quality catalyst for your hydrogenation processes, our KMH-07 model is an excellent choice.

### Customization:

The KMH-07 is a two-stage hydrogenation catalyst that is specifically designed for the hydrogenation of cracked gasoline. It has a size of 1-3 mm and a bulk density of 0.7-0.9 g/cm3, making it easy to handle and store. The reaction selectivity of our product is 95-98%, ensuring that the hydrogenation process is highly effective.
We also offer customization services for our Cracked Gasoline Hydrogenation Catalyst. Our team of experts can work with you to create a product that meets your specific requirements and specifications. Whether it's adjusting the composition or modifying the size and shape of the catalyst, we can help you achieve the results you need.

### Support and Services:

Our Cracked Gasoline Hydrogenation Catalyst product is designed to provide efficient and reliable performance in the process of

hydrogenation of cracked gasoline. Our team of experienced technical experts is available to provide support and services to ensure optimal performance of the catalyst. Our services include catalyst loading, startup and shutdown assistance, troubleshooting, and catalyst performance evaluation. We also offer customized technical solutions tailored to meet the specific needs of our customers. Our commitment to quality and customer satisfaction is reflected in our rigorous testing and quality control procedures, which ensure that our products meet or exceed industry standards.

## Packing and Shipping:

Product Packaging:
The Cracked Gasoline Hydrogenation Catalyst product will be packaged in air-tight and moisture-resistant containers.
The containers will be clearly labeled with the product name, batch number, and expiration date.
The containers will then be placed in sturdy boxes for shipping.
Shipping:
The Cracked Gasoline Hydrogenation Catalyst product will be shipped via a reliable courier service.
The boxes will be securely sealed and labeled with all necessary shipping information, including the recipient's address and contact information.
Shipping fees will be calculated based on the weight and destination of the package.

**Qingdao Junyao Catalyst New Material Technology Co., Ltd.**

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