Cracked Gasoline Hydrogenation Catalyst 1-3mm Nickel Cobalt Molybdenum

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: Cracked Gasoline Hydrogenation Catalyst
- Packaging Details: Customer demand, drum or ton pack

Product Specification

- Pore Size: 0.3-0.5 Nm
- Composition: Nickel, Cobalt, Molybdenum, Alumina
- Size: 1-3mm
- Bulk Density: 0.7-0.9 G/cm3
- Shape: Granular/spherical
- Catalyst Life: 2-3 Years
- Application: Hydrogenation Of Cracked Gasoline
- Highlight: **Cracked gasoline hydrogenation catalyst 1-3mm**, **Nickel cobalt molybdenum catalyst**, **Hydrogenation catalyst for gasoline refining**

Product Description

Product Description:

The Cracked Gasoline Hydrogenation Catalyst is an exceptionally efficient catalyst designed specifically for the hydrogenation of cracked gasoline. This catalyst is engineered to optimize the hydrogenation process, leading to enhanced product quality and increased yields.
A standout feature of this catalyst is its extended lifespan, typically lasting between 2 to 3 years. This durability minimizes downtime associated with catalyst replacement and maintenance, resulting in cost savings and improved operational productivity.
Available in either granular or spherical forms, the catalyst provides versatility for various reactor designs and configurations. This shape facilitates optimal distribution within the reactor bed, ensuring uniform contact with the feedstock and promoting effective catalytic reactions.
With a pore size ranging from 0.3 to 0.5 nm, this catalyst boasts excellent mass transfer properties, allowing for the efficient diffusion of reactant molecules to active catalytic sites. The controlled distribution of pore sizes enhances selectivity and overall performance during the hydrogenation process.
The bulk density of the Cracked Gasoline Hydrogenation Catalyst is between 0.7 and 0.9 g/cm³, making it compatible with different reactor setups and operating conditions. This optimal bulk density ensures good flow characteristics and effective pressure drop management within the reactor system.
The catalyst particles are generally sized between 1 and 3 mm in diameter, striking a balance between catalytic activity surface area and mechanical strength for long-term durability. The uniform size distribution of the particles contributes to consistent performance, further enhancing the efficiency of the hydrogenation process.
In summary, the Cracked Gasoline Hydrogenation Catalyst is a dependable and high-performance catalyst ideal for two-stage hydrogenation processes involving cracked gasoline. Its distinctive combination of features, including extended lifespan, granular/spherical shape, optimal pore size, bulk density, and size, make it a top choice for maximizing efficiency and productivity in hydrogenation operations within the petrochemical industry.

Features:

Product Name: Cracked Gasoline Hydrogenation Catalyst
Pore Size: 0.3-0.5 Nm
Shape: Granular/spherical
Catalyst Life: 2-3 Years
Size: 1-3mm
Bulk Density: 0.7-0.9 G/cm3

Technical Parameters:

Bulk Density	0.7-0.9 G/cm3
Composition	Nickel, Cobalt, Molybdenum, Alumina
Size	1-3mm
Application	Hydrogenation Of Cracked Gasoline
Pore Size	0.3-0.5 Nm
Shape	Granular/spherical
Catalyst Life	2-3 Years

Applications:

The **Cracked Gasoline Hydrogenation Catalyst** is a high-quality product originating from **China** . It is carefully packaged according to customer demands, available in drum or ton packs for convenience.
Composed of **Nickel, Cobalt, Molybdenum, and Alumina** , this catalyst is designed in granular or spherical shape, making it ideal for the **hydrogenation of cracked gasoline** . The catalyst's size ranges from **1-3mm** with a pore size of **0.3-0.5 Nm** , ensuring efficient performance in catalytic reactions.
The **Cracked Gasoline Hydrogenation Catalyst** is suitable for various application occasions and scenarios:
Refineries: Used in refineries for the hydrogenation of cracked gasoline to improve product quality and meet regulatory requirements.
Petrochemical Industry: Applied in the petrochemical industry for the production of high-quality gasoline products with enhanced properties.
Environmental Compliance: Utilized to reduce sulfur content and improve the environmental performance of gasoline products.
Catalytic Conversion: Enables catalytic conversion processes in the oil and gas sector for efficient production and upgrading of gasoline streams.
With its **nickel-based composition** and tailored characteristics, the **Cracked Gasoline Hydrogenation Catalyst** offers superior performance in various hydrogenation processes, ensuring optimal results in the transformation of cracked gasoline into valuable end products.

Customization:

Product Customization Services for the **Cracked Gasoline Hydrogenation Catalyst** include:
Brand Name: Cracked Gasoline Hydrogenation Catalyst
Place of Origin: CHINA
Packaging Details: Customer demand, drum or ton pack
Application: Hydrogenation Of Cracked Gasoline
Bulk Density: 0.7-0.9 G/cm3
Shape: Granular/spherical
Pore Size: 0.3-0.5 Nm
Size: 1-3mm

FAQ:

Q: What is the brand name of this product?
A: The brand name of this product is Cracked Gasoline Hydrogenation Catalyst.
Q: Where is this product manufactured?
A: This product is manufactured in China.
Q: How is this product packaged?
A: The packaging details for this product can be customized based on customer demand, and it is available in drum or ton packs.
Q: What is the primary function of this catalyst?
A: The primary function of the Cracked Gasoline Hydrogenation Catalyst is to facilitate the hydrogenation process of cracked gasoline.
Q: Is this catalyst suitable for industrial use?
A: Yes, this catalyst is designed for industrial applications and is commonly used in refining processes.

Qingdao Junyao Catalyst New Material Technology Co., Ltd.

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