



Regenerable Spherical Propene Selective Catalyst For C3 Hydrogenation

Basic Information

- Place of Origin:
- Brand Name:
- Model Number:

C3	Selective	Hydrogenation	Catalyst

CHINA

KMH-03



Product Specification

Support Material:	Aluminum Oxide (Al2O3)
Particle Size:	Narrow Particle Size Distribution
Pore Size:	Uniform Pore Size Distribution
Application:	Selective Hydrogenation Of C3 Hydrocarbons
Regenerability:	Can Be Regenerated Multiple Times Without Significant Loss Of Activity
Selectivity:	High Selectivity C3 Hydrogenation
Stability:	Excellent Stability Under Harsh Conditions
Activity:	High Activity For C3 Hydrogenation
Highlight:	Spherical Propene Selective Catalyst, C3 Hydrogenation Selective Catalyst, C3 h2 catalyst

Product Description:

The catalyst has been extensively tested and is proven to have excellent stability under harsh conditions, making it a reliable choice for selective hydrogenation applications. The operating temperature for the catalyst is between 30-35°C, which is optimal for C3 selective hydrogenation.

The C3 Selective Hydrogenation Catalyst is highly effective in the removal of acetylenes and dienes in C3 cuts. This results in a significant reduction in MAPD (Methyl Acetylene and Propadiene) levels, which in turn leads to improved product quality and increased yield.

The catalyst is easy to handle and can be used in a variety of industrial settings, including refineries and petrochemical plants. Its unique properties make it an ideal choice for selective hydrogenation processes, where consistent and reliable performance is essential. Overall, the C3 Selective Hydrogenation Catalyst is a top-performing hydrogenation catalyst that is specially designed for the selective hydrogenation of C3 hydrocarbons. Its excellent stability under harsh conditions, combined with its narrow particle size distribution, makes it an ideal choice for industrial applications. Its ability to remove acetylenes and dienes in C3 cuts and reduce MAPD levels make it a highly effective catalyst for improving product quality and increasing yield.

Technical Parameters:

Technical Parameter	Description
Active Metal	Palladium (Pd)
Stability	Excellent Stability Under Harsh Conditions
Operating Temperature	30-35°C
Surface Area	High Surface Area For Efficient Catalytic Activity
Catalyst Type	Supported Metal Catalyst
Regenerability	Can Be Regenerated Multiple Times Without Significant Loss Of Activity
Shape	Spherical
Support Material	Aluminum Oxide (Al2O3)
Application	Selective Hydrogenation Of C3 Hydrocarbons
Activity	High Activity For C3 Hydrogenation
Propene selectivity	Selective Hydrogenation

Applications:

This hydrogenation catalyst is particularly effective for use in the production of MAPD (methyl-allyl propargyl diol), a key intermediate in the manufacture of a wide range of chemicals and polymers. Its high selectivity for C3 hydrogenation makes it an ideal choice for this and other similar applications.

Thanks to its aluminum oxide (Al2O3) support material, this hydrogenation catalyst is able to maintain its high level of activity even under challenging conditions. Its exceptional performance makes it suitable for use in a wide range of industrial settings, including chemical production, petrochemical manufacturing, and more.

Some of the specific applications and scenarios where the C3 Selective Hydrogenation Catalyst can be used include:

MAPD production: This catalyst is particularly well-suited for use in the production of MAPD, thanks to its high selectivity and efficient catalytic activity.

Chemical manufacturing: This hydrogenation catalyst can be used in a range of chemical production applications, including the production of pharmaceuticals, plastics, and more.

Petrochemical manufacturing: Its exceptional performance also makes it suitable for use in petrochemical manufacturing applications, such as the production of fuels and lubricants.

Industrial research and development: The C3 Selective Hydrogenation Catalyst can also be used in industrial research and development settings, where its exceptional performance can help researchers develop new and innovative products and processes.

Overall, the C3 Selective Hydrogenation Catalyst is a reliable and high-performing catalyst that is ideal for a wide range of industrial applications. Its exceptional selectivity, narrow particle size distribution, and high surface area make it a standout choice for any application where efficient catalytic activity is essential.

Customization:

Our product, the C3 Selective Hydrogenation Catalyst, model number KMH-03, originates from China and has a spherical shape. It boasts the ability to be regenerated multiple times without significant loss of activity, making it a cost-effective choice for your business. Its narrow particle size distribution ensures consistent and efficient performance.

The C3 Selective Hydrogenation Catalyst is specifically designed for the selective hydrogenation of C3 hydrocarbons, providing high propene selectivity and low MAPD values. Contact us for more information on our product customization services to meet your unique needs.

Packing and Shipping:

Product Packaging: 1 kg plastic container 5 kg plastic container 25 kg steel drum Shipping: Shipped in accordance with DOT regulations May require special handling due to hazardous nature Available for international shipping

Qingdao Junyao Catalyst New Material Technology Co., Ltd.

+8618254266810

jycat@qdjunyao.com.cn

jyalumcatalyst.com