Superior Photocatalytic Properties With 2-Ethylanthraquinone Alumina Carrier Material

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: 2-ethylanthraquinone hydrogenation carrier
- Model Number: KME-100

Product Specification

- Boiling Point: Not Available
- Purity: ≥99%
- Density: 0.54 G/cm3
- Application: Catalyst For 2-ethylanthraquinone Hydrogenation
- Particle Size: 2.2-2.6mm
- Storage: Store In Dry Place
- Solubility: Insoluble In Water
- Carrier Material: Alumina
- Highlight: **superior photocatalytic properties alumina carrier** , **superior photocatalytic properties aluminium carrier**

Product Description

Product Description:

The density of this product is 0.54 G/cm3, making it easy to handle and transport. The specific surface area of this catalyst is ≥850 M2/g, which allows for maximum contact between the reactants and the catalyst. This leads to a high catalytic activity and increased efficiency in the production of hydrogen peroxide solution.
The 2-Ethylanthraquinone Hydrogenation Alumina Carrier is specifically designed for use in the hydrogenation of 2-Ethylanthraquinone. This process is essential in the production of hydrogen peroxide solution. The catalyst is used to convert 2-Ethylanthraquinone into 2-Ethylanthrahydroquinone, which is then oxidized to produce hydrogen peroxide solution.
This catalyst is insoluble in water, making it ideal for use in industrial applications where water is present. The catalyst is also highly stable and can withstand harsh conditions, ensuring that it lasts for a long time.
The 2-Ethylanthraquinone Hydrogenation Alumina Carrier is commonly used in the production of hydrogen peroxide solution using the Drip ball method. This method involves dripping a solution of 2-Ethylanthraquinone and a hydrogenation catalyst through a bed of alumina balls. The reaction takes place as the solution passes through the bed of alumina balls, resulting in the production of hydrogen peroxide solution.
In conclusion, the 2-Ethylanthraquinone Hydrogenation Alumina Carrier is a highly efficient catalyst that is essential in the production of hydrogen peroxide solution. With a purity of ≥99%, a density of 0.54 G/cm3, and a specific surface area of ≥850 M2/g, this catalyst is perfect for use in industrial applications. Its insolubility in water and high stability make it an ideal choice for use in harsh conditions. The Drip ball method is the most common method used for the production of hydrogen peroxide solution using this catalyst.

Features:

Product Name: 2-Ethylanthraquinone Hydrogenation Alumina Carrier
Particle Size: 2.2-2.6mm
Carrier Material: Alumina
Solubility: Insoluble In Water
Boiling Point: Not Available
Specific Surface Area: ≥850 M2/g
This product is suitable for use in the hydrogenation of 2-Ethylanthraquinone to produce hydrogen peroxide solution (H2O2) using Alumina as a carrier material.

Technical Parameters:

Density	0.54 G/cm3
Storage	Store In Dry Place
Boiling Point	Not Available
Purity	≥99%
Specific Surface Area	≥850 M2/g
Particle Size	2.2-2.6mm
Application	Catalyst For 2-ethylanthraquinone Hydrogenation
Carrier Material	Alumina
Solubility	Insoluble In Water

Applications:

The 2-ethylanthraquinone hydrogenation carrier is used in various industries for the production of hydrogen peroxide (H2O2). It is a crucial component in the process of manufacturing H2O2, which is widely used in chemical, pharmaceutical, and food industries. The catalyst allows for the selective hydrogenation of 2-ethylanthraquinone, a key intermediate in the H2O2 production process.
The KME-100 model number is specifically designed for the hydrogenation of 2-ethylanthraquinone. It has been extensively tested and has been proven to be an efficient and reliable catalyst. The carrier material, alumina, provides excellent mechanical strength and thermal stability, ensuring that the catalyst maintains its activity during the hydrogenation process.
The 2-ethylanthraquinone hydrogenation carrier is suitable for use in batch and continuous processes. It can be used in various reactors, including fixed-bed, slurry, and fluidized-bed reactors. The catalyst is also compatible with a range of solvents and hydrogen sources.
The 2-ethylanthraquinone hydrogenation carrier is an essential product for the production of H2O2. It is widely used in industries that require high-purity H2O2, such as the pharmaceutical industry. The use of a reliable and efficient catalyst such as KME-100 ensures that manufacturers can produce H2O2 at a high yield and with consistent quality.

Customization:

Customize your 2-ethylanthraquinone hydrogenation carrier with our product customization services:
Brand Name: 2-ethylanthraquinone hydrogenation carrier
Model Number: KME-100

Place of Origin: CHINA

Specific Surface Area: ≥850 M2/g

Application: Catalyst For 2-ethylanthraquinone Hydrogenation

Storage: Store In Dry Place

Carrier Material: Alumina

Boiling Point: Not Available

Our 2-ethylanthraquinone hydrogenation carrier is perfect for use as a catalyst for the hydrogenation of 2-ethylanthraquinone. With a specific surface area of at least 850 M2/g, it provides excellent surface area for reactions. This carrier material is made of alumina and is sourced from China. It should be stored in a dry place.

Our product customization services can help you tailor this product to your specific needs. Whether you require a different model number or place of origin, we can work with you to create a custom solution. Our carrier is compatible with H2O2 or hydrogen peroxide solution, making it an ideal choice for hydrogenation reactions involving these substances.

Support and Services:

Our Product Technical Support and Services for 2-Ethylanthraquinone Hydrogenation Alumina Carrier include:

- Technical consultation and problem-solving assistance
- Customized catalyst design and development
- Catalyst testing and evaluation
- On-site technical assistance and training
- Product performance optimization
- Process development and optimization
- Continuous catalyst supply and inventory management

Packing and Shipping:

Product: 2-Ethylanthraquinone Hydrogenation Alumina Carrier

Packaging: The product will be packed in a sealed, air-tight plastic bag to ensure maximum freshness and longevity.

Shipping: The product will be shipped via a reputable courier service to ensure timely and secure delivery.

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