Catalyst For 2-Ethylanthraquinone Hydrogenation Reactions With A Density Of 0.55 G/Cm³ In A Drip Ball Form

Our Product Introduction

Basic Information

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

Product Specification

- Density: 0.55 G/cm3
- Shelf Life: 2 Years
- Solubility: Insoluble In Water
- Storage: Store In A Cool, Dry Place
- Purity: ≥ 98%
- Application: Catalyst For 2-ethylanthraquinone Hydrogenation Reactions
- Regenerability: Good
- Chemical Composition: Al2O3
- Pore Volume: 0.75cm3/g
- Thermal Stability: High
- Pore Size: 15-25nm
- Melting Point: 144-147°C

Product Description

Product Description:

The 2-Ethylanthraquinone Hydrogenation Catalyst is a premium catalyst engineered for efficient hydrogenation reactions. With a purity level of ≥ 98%, it guarantees reliable performance and consistent outcomes across various applications.
Designed for stability, this catalyst boasts a shelf life of two years, offering an extended usability period for your hydrogenation processes. Whether used in batch reactions or continuous flow systems, it maintains its activity and effectiveness over time.
Specifically formulated for 2-ethylanthraquinone hydrogenation, this catalyst excels at facilitating the desired chemical transformations with precision. Its unique formulation enhances the efficiency of hydrogenation, resulting in improved yields and shorter reaction times.
For optimal storage, it is advisable to keep this catalyst in a dry environment to preserve its quality and efficacy. Protecting it from moisture and humidity helps maintain its integrity, ensuring optimal performance in your hydrogenation applications.
A notable characteristic of this catalyst is its insolubility in water, which simplifies the separation process from the reaction mixture. This property aids downstream processing and purification, while also contributing to the catalyst's stability during reactions by preventing unwanted interactions.
In oil column applications, the 2-Ethylanthraquinone Hydrogenation Catalyst demonstrates exceptional compatibility and efficiency. Its high purity and specially tailored formulation make it an excellent choice for oil column setups, where precise control over the hydrogenation process is essential for achieving optimal product results.
Moreover, in oil column configurations, this catalyst effectively functions as a drip ball, promoting uniform distribution of hydrogen gas and ensuring thorough mixing of reactants. This feature significantly enhances the overall efficiency of the hydrogenation reaction, leading to better conversion rates and improved product quality.

Features:

Product Name: 2-Ethylanthraquinone Hydrogenation Catalyst
Storage: Store In Dry Place
Purity: ≥ 98%
Density: 0.55 G/cm3
Solubility: Insoluble In Water
Application: Catalyst For 2-ethylanthraquinone Hydrogenation Reactions

Technical Parameters:

Storage	Store In Dry Place
Shelf Life	2 Years
Application	Catalyst For 2-ethylanthraquinone Hydrogenation Reactions
Purity	≥ 98%
Density	0.55 G/cm3
Solubility	Insoluble In Water

Applications:

The 2-ethylanthraquinone hydrogenation catalyst, model KME-100, is produced in China and has a shelf life of two years. With a density of 0.55 g/cm³ and being insoluble in water, this catalyst is a dependable option for various applications.
Its purity of ≥ 98% guarantees high-quality performance across different scenarios. This product is particularly designed for oil column operations, where efficient hydrogenation processes are essential. The catalyst's effectiveness is especially evident in enhancing the hydrogenation reactions within oil column setups.
Additionally, when employed with drip ball technology, this hydrogenation catalyst becomes an invaluable resource. The combination of drip ball application and the catalyst's properties significantly improves the overall hydrogenation process, making it an ideal solution for industries that depend on such methodologies.
To achieve the best results, it is advisable to store this catalyst in a dry environment to preserve its integrity and prolong its shelf life. Industries aiming to optimize their hydrogenation processes can greatly benefit from the 2-ethylanthraquinone hydrogenation catalyst (KME-100).

Customization:

Product Customization Services for the 2-Ethylanthraquinone Hydrogenation Catalyst:
Brand Name: 2-ethylanthraquinone hydrogenation catalyst
Model Number: KME-100
Place of Origin: CHINA
Storage: Store In Dry Place
Density: 0.55 G/cm3
Application: Catalyst For 2-ethylanthraquinone Hydrogenation Reactions
Solubility: Insoluble In Water
Shelf Life: 2 Years

FAQ:

Q: What is the brand name of the hydrogenation catalyst?
A: The brand name of the hydrogenation catalyst is 2-ethylanthraquinone hydrogenation catalyst.
Q: What is the model number of the catalyst?
A: The model number of the catalyst is KME-100.
Q: Where is the hydrogenation catalyst manufactured?
A: The hydrogenation catalyst is manufactured in China.
Q: What type of reactions is this catalyst suitable for?
A: The catalyst is suitable for hydrogenation reactions involving 2-ethylanthraquinone.
Q: Is the catalyst reusable?
A: The catalyst is designed for multiple uses and can be reused in hydrogenation processes.

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