



CCR Alumina Carrier with Crushing Strength $\geq 40\text{N}$ Thermal Stability ≥ 570 and Surface Area $190\text{-}210\text{m}^2/\text{g}$ for High Performance Catalyst Support

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: CCR carrier
- Model Number: SCR-A/B
- Minimum Order Quantity: 1t
- Packaging Details: Customer demand, drum or ton pack
- Supply Ability: 2000t/year



Product Specification

- Crushing Strength: $\geq 40\text{N}$
- Abrasion Resistance: Excellent
- Chemical Stability: Acid And Alkali Resistant
- Electrical Insulation: Excellent
- Material: Alumina
- Shape: Sphere
- Mechanical Strength: High
- Thermal Stability: ≥ 570
- Highlight: **Crushing Strength $\geq 40\text{N}$ CCR Alumina Carrier, Thermal Stability ≥ 570 Alumina Catalyst Carrier, Surface Area $190\text{-}210\text{m}^2/\text{g}$ Alumina Spheres**

Product Description

Product Description:

The CCR Alumina Carrier is a top-of-the-line product designed as an alumina catalyst carrier for CCR (Continuous Catalyst Regeneration) processes. This specialized carrier is known for its exceptional properties, making it a preferred choice for various industrial applications requiring high performance and reliability.

One of the standout features of the CCR Alumina Carrier is its excellent abrasion resistance. This attribute ensures that the carrier can withstand the rigors of demanding environments, maintaining its structural integrity over prolonged use. The superior abrasion resistance of this carrier makes it a durable and long-lasting solution for applications where wear and tear are major concerns.

Another key characteristic of the CCR Alumina Carrier is its low water absorption rate. This property is crucial for applications where moisture or liquid exposure is present, as it helps prevent the carrier from degrading or losing its effectiveness over time. The low water absorption of this carrier enhances its reliability and performance in challenging conditions.

When it comes to thermal conductivity, the CCR Alumina Carrier excels with its high thermal conductivity properties. This feature allows for efficient heat transfer within the carrier, making it ideal for applications that require precise temperature control or thermal management. The high thermal conductivity of this carrier contributes to its overall effectiveness in various thermal processing applications.

In terms of crushing strength, the CCR Alumina Carrier boasts a minimum crushing strength of $\geq 40\text{N}$. This high crushing strength indicates the carrier's ability to withstand significant pressure or external forces without breaking or deforming. The robust construction of this carrier ensures its structural stability, making it a reliable choice for applications that involve mechanical stress or loading.

Furthermore, the CCR Alumina Carrier exhibits exceptional mechanical strength, further enhancing its performance and durability. The high mechanical strength of this carrier enables it to withstand mechanical impacts, vibrations, and other physical stresses without compromising its integrity. This attribute contributes to the overall reliability and longevity of the carrier in demanding operational environments.

Overall, the CCR Alumina Carrier stands out as a premium solution for industrial processes requiring a reliable and high-performance alumina catalyst carrier for CCR applications. Its excellent abrasion resistance, low water absorption, high thermal conductivity, minimum crushing strength of $\geq 40\text{N}$, and high mechanical strength make it a versatile and dependable choice for various industries.

Features:

Product Name: CCR Alumina Carrier

Material: Alumina

Thermal Conductivity: High

Thermal Stability: ≥ 570

Pore Size: Medium

Electrical Insulation: Excellent

Technical Parameters:

Material	Alumina
Surface Area	190-210m ² /g
Mechanical Strength	High
Crushing Strength	$\geq 40\text{N}$
Electrical Insulation	Excellent
Abrasion Resistance	Excellent
Water Absorption	Low
Chemical Stability	Acid And Alkali Resistant
Pore Size	Medium
Thermal Stability	$\geq 570^{\circ}\text{C}$

Applications:

Alumina catalyst carrier for CCR, Alumina catalyst carrier, Alumina catalyst carrier

Product Application Occasions and Scenarios for the CCR Alumina Carrier product:

The CCR carrier, model SCR-A/B, originating from CHINA, is a versatile product suitable for various industrial applications. With a minimum order quantity of 1t, customers can choose their preferred packaging method, whether in drums or ton packs. The supply ability of 2000t/year ensures a steady availability of this high-quality carrier.

Due to its exceptional surface area of 190-210m²/g, the CCR Alumina Carrier is ideal for catalytic processes requiring a large active surface area. Its spherical shape allows for efficient flow and distribution in catalyst beds, making it a preferred choice in many industrial settings.

One of the key attributes of this carrier is its excellent electrical insulation properties, ensuring safe and reliable operation in electrically sensitive environments. The thermal stability of ≥ 570 makes it suitable for high-temperature applications where consistent performance is crucial.

Furthermore, the medium pore size of the CCR Alumina Carrier enables effective adsorption and diffusion of reactants, making it a

preferred choice for catalytic reactions requiring precise control over mass transfer. Whether used in petrochemical, chemical, or environmental applications, the CCR Alumina Carrier provides a reliable and efficient solution for catalyst support. Its versatile nature and high performance make it a valuable asset in a wide range of industrial processes.

Customization:

Product Customization Services for CCR Alumina Carrier:

Brand Name: CCR carrier

Model Number: SCR-A/B

Place of Origin: CHINA

Minimum Order Quantity: 1t

Packaging Details: Customer demand, drum or ton pack

Supply Ability: 2000t/year

Mechanical Strength: High

Chemical Stability: Acid And Alkali Resistant

Material: Alumina

Shape: Sphere

Thermal Stability: ≥ 570

FAQ:

Q: What is the brand name of the alumina carrier product?

A: The brand name of the alumina carrier product is CCR carrier.

Q: What is the model number of the alumina carrier product?

A: The model number of the alumina carrier product is SCR-A/B.

Q: Where is the alumina carrier product manufactured?

A: The alumina carrier product is manufactured in China.

Q: What is the minimum order quantity for the alumina carrier product?

A: The minimum order quantity for the alumina carrier product is 1 ton.

Q: What are the packaging details available for the alumina carrier product?

A: The packaging details for the alumina carrier product include customer demand, drum, or ton pack options.

Q: What is the supply ability of the alumina carrier product?

A: The supply ability of the alumina carrier product is 2000 tons per year.



Qingdao Junyao Catalyst New Material Technology Co., Ltd.



+8618254266810



jycat@qdjunyao.com.cn



jyalumcatalyst.com