



## High Temperature Alumina Spheres 200 M2/g with Superior Thermal Conductivity and Chemical Inertness

Our Product Introduction

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### Basic Information

- Place of Origin: CHINA
- Brand Name: CCR carrier
- Model Number: KMC-100



### Product Specification

- Size: 1/8 Inch
- Shape: Sphere
- Mechanical Strength: High
- Abrasion Resistance: Excellent
- Thermal Stability: Up To 1000°C
- Surface Area: 200 M2/g
- Thermal Conductivity: High
- Crush Strength: 50 Lbs
- Highlight: **high temperature alumina spheres ,  
alumina spheres 200 m2/g,  
thermal alumina catalyst**

## Product Description

### Product Description:

One of the standout features of this product is its impressive crush strength of 50 lbs. This means that it can withstand high pressures without breaking down or losing its shape. This makes it ideal for use in processes where the material needs to maintain its structural integrity, such as in the oil column.

The CCR Alumina Carrier also boasts a medium pore size, which allows for efficient mass transfer. This means that it can effectively carry out processes such as catalytic cracking and hydrocracking. Additionally, its low water absorption ensures that it remains effective even in high-moisture environments.

With a bulk density of between 0.55-0.66 g/cm<sup>3</sup>, this carrier strikes the perfect balance between weight and durability. It is lightweight enough to be easily handled, yet robust enough to withstand the rigors of the refining process. This makes it an ideal choice for use in a range of applications, including the drip ball.

Finally, the CCR Alumina Carrier boasts excellent abrasion resistance. This means that it can withstand the wear and tear that comes with repeated use, making it a cost-effective solution in the long run. Its durability also ensures that it can handle the high temperatures and pressures that are typical in refining processes.

Overall, the CCR Alumina Carrier is a high-quality product that delivers excellent performance across a range of refining applications. Its impressive crush strength, medium pore size, low water absorption, bulk density, and abrasion resistance make it a standout choice for anyone in need of a reliable carrier for their refining processes.

### Technical Parameters:

Product Name	CCR Alumina Catalyst Carrier
Thermal Conductivity	High
Shape	Sphere
Size	1/8 Inch
Chemical Resistance	Acids And Bases
Abrasion Resistance	Excellent
Bulk Density	0.55-0.66 G/cm <sup>3</sup>
Water Absorption	Low
Electrical Insulation	Excellent
Crush Strength	50 Lbs
Pore Size	Medium

### Applications:

The CCR carrier product is widely used in the oil and gas industry. It is perfect for creating oil columns and drip balls in refineries and petrochemical plants. Its high-quality alumina material makes it an excellent choice for use in catalytic cracking reactions, hydrocracking, and hydrotreating processes. The CCR carrier product has a high thermal conductivity, which means it can withstand high temperatures without losing its structural integrity.

Its excellent abrasion resistance makes it ideal for use in harsh environments where other materials would quickly wear out. The CCR carrier product is also easy to handle and transport, making it a favorite among manufacturers and plant operators.

Overall, the CCR Alumina Carrier product is a reliable and high-quality option for those looking to create oil columns, drip balls, and utilize an alumina catalyst carrier for CCR. Its excellent abrasion resistance, high thermal conductivity, and sphere shape make it an ideal choice for use in the oil and gas industry.

### Customization:

### Support and Services:

Our CCR Alumina Carrier product is designed to provide excellent thermal stability and mechanical strength for use in catalytic reactor systems. We offer technical support and services to assist customers in the selection, installation, and maintenance of our CCR Alumina Carrier product.

Our technical support team is available to answer any questions related to product performance, compatibility, and troubleshooting. We also provide training and educational resources to help our customers optimize the use of our product in their specific applications.

In addition to technical support, we offer a range of services to ensure the best performance and longevity of our CCR Alumina Carrier product. These services include testing and analysis, custom product development, and on-site consultation.

### Packing and Shipping:

#### Product Packaging:

The CCR Alumina Carrier is packaged in a sturdy cardboard box to ensure safe delivery. The carrier is wrapped in bubble wrap to prevent any damage during transit. The box is labeled with the product name, quantity, and any necessary handling instructions.

**Shipping:**

The CCR Alumina Carrier is shipped via a reliable courier service to ensure timely and safe delivery. The shipping cost is calculated based on the destination and weight of the package. Customers will receive a tracking number to monitor the progress of their shipment. Delivery times may vary depending on the destination.



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