



Continuous Catalytic Reformer / Heat Stability Solid Catalyst 0.58-0.66 Cm3/g KMC-100

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ccr catalyst
- Model Number: KMC-200



Product Specification

- Product Type: Solid Catalyst
- Lifespan: 4-5 Years
- Size: 1.6-1.8 Mm
- Heat Stability: High
- Shape: Spherical
- Pore Volume: 0.58-0.66 Cm3/g
- Surface Area: 190-200 M2/g
- Highlight: **heat stability solid catalyst,
heat stability continuous catalytic reformer,
0.66 cm3/g solid catalyst**

for more products please visit us on jyalumcatalyst.com

Product Description

Product Introduction

- I. KMC-100 series catalysts are high activity, high hydrothermal stability and low reactor ratio continuous reforming catalysts developed by Kaimai Zibo.
- II. KMC-100 catalyst is an economical catalyst with low platinum content.
- III.. The product appearance is ϕ 1.6~1.8mm black ball.

Product characteristics

The catalyst uses new catalytic materials, which significantly improves the ability of the catalyst to resist high temperature hydrothermal treatment, slows down the decline of specific surface area, and increases its service life, greatly increasing the economy of the catalyst.

- I. The chlorine retention capacity is enhanced, and the chlorine injection volume in the system is reduced to half of the original, which is significantly improved,
Improve the corrosion of chloride to downstream devices;
- II. The mechanical strength has been improved, and the wear resistance is good
Dust reduction;
- III. The regeneration activity can be restored to the freshness level.

Product technical indicators:

Item	Unit	KMC-100 target
Pt/ Al_2O_3	m%	0.28 \pm 0.02
Sn/ Al_2O_3	m%	0.31 \pm 0.03
Cl/ Al_2O_3	m%	1.0 1.3
BET surface	/g	185 \pm 10
Pile ratio	g/ml	0.58 \pm 0.02
Crushing strength	N/Each capsule	\geq 39
Wear rate	%	4
Particle size distribution	Φ 1.6 1.8mm	98%
Defect rate	m%	0.5%
Si/ Al_2O_3	ppm	200
Fe/ Al_2O_3	ppm	200
Na/ Al_2O_3	ppm	70
Aromatics conversion	m%	140

Note: For bulk ratio and strength test, the sample shall be baked at 600 for 2 hours and then tested in a dry atmosphere.

Scope of application

- I. It can be used in all continuous reforming units.
- II. KMC-100 series continuous reforming catalyst is applicable to the production of straight-run naphtha and hydrocracking heavy naphtha, The reforming process of producing high-octane gasoline, aromatics and hydrogen from oil, cracking gasoline, coking gasoline, catalytic gasoline, condensate, etc.

Product packaging

The special iron drum is sealed and packed, and the inner layer is covered with a cloth bag and a plastic bag, with a net weight of 100kg/barrel, and filled with nitrogen for positive pressure protection.

Precautions for storage, transportation and use

- I. Pay attention to waterproof and moisture-proof, and prohibit contact with other chemicals and hydrocarbon substances.
- II. Do not drop or roll the iron bucket during handling.
- III. The product is delivered in the reduced state, and the catalyst loading should be carried out in sunny days, and the contact time between the catalyst and the air should be shortened as much as possible. After loading
- IV. The reactor shall be sealed in time and filled with nitrogen for protection.
- V. During normal production, $S \leq 0.5\text{ppm}$, $As \leq 1\text{ppm}$, $H_2O \leq 5\text{ppm}$ in feed oil and $H_2O \leq 50\text{ppm}$ in circulating hydrogen shall be controlled.
- VI. The start-up shall be carried out in strict accordance with the catalyst start-up manual provided by Kaimai Zibo, and under the guidance of professional technicians when necessary.



Qingdao Junyao Catalyst New Material Technology Co., Ltd.



+8618254266810



jycat@qdjunyao.com.cn



jyalumcatalyst.com