CHEMSHUN CERAMICS
Pingxiang Chemshun Ceramics Co.,Ltd
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Al2O3 23~30% Inert Ceramic Balls

Chemshun Ceramics offer Al2O3 17~30% ceramic balls as catalyst carrier

Product Description:

Chemshun Inert balls are to increase the distribution spots of gas or liquid , widely utilized as the covering or supporting materials of the catalyst in the reactors and the packing in the column in such varies areas as petroleum , chemical industry , chemical fertilizer, natural gas and support or protect the active catalyst , which especially have the comparatively lower mechanical strength.

Application :

Alkylation	Catalytic reforming
Dehydrogenation	Hydrofining
Desulfurization	Isomerisation
Catalytic cracking	Powerforming
Catalytic conversion	Thermal cracking
Catalytic oxidation	and other processes

Geometric properties

Diameter	Diameter (mm)	Crushing strength (kg/particle)
		23~30 %
1/8”	2-4	>34
1/4”	5-8	>91
3/8”	10-12	>102
1/2”	12-14	>195
3/4”	18-21	>490
1”	24-27	>690
1-1/4”	32-34	>980
1-1/2”	35-40	>980
2”	48-52	>980

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Chemical Composition:

Item	Content
Heat resistance up to	Up to 1020 ℃
Water absorption	< 0.4%
Ignition loss	<0.3%
Alkali resistance	>7
Acid resistance	>85 %
Bulk density (g/cm^3)	> 99.8%
	1.38~ 1.40

Physical properties:

Item	Content
Heat resistance up to	Up to 1020 ℃
Water absorption	< 0.4%
Ignition loss	<0.3%
Alkali resistance	>7
Acid resistance	>85 %
Bulk density (g/cm^3)	> 99.8%
	1.38~ 1.40

Chemshun Ceramics also recommends these other Catalyst Carrier:

Al2O3 15~22% Inert Ceramic Balls

7x7x4mm ceramic ring as benzene anhydride catalyst carrier

ceramic ring

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