



## Ceramic Packing Ball

Ceramic Packing Ball is produced from super fine alumina powder, through process of granulator molding, iso-static press technique and high temperature firing.

Ceramic Packing Ball is with following advantages.

Good resistance to high temperature and high pressure

Low water absorption

Stable chemical performance, good erode resistance to acid, alkali, or other organic solvent

Good thermal shock resistance

Good Crush strength

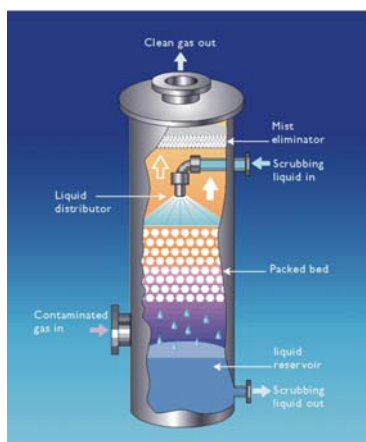
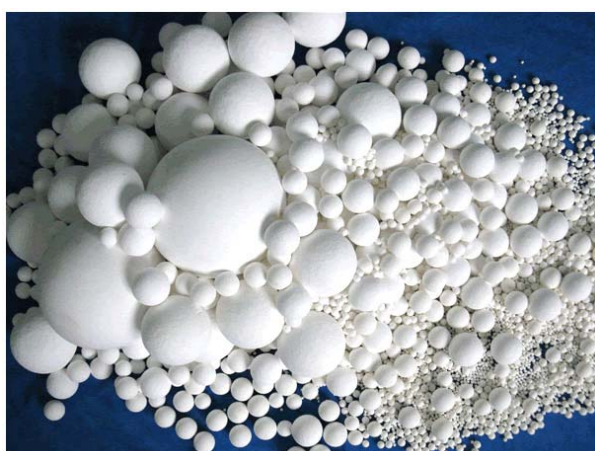
The main function of Ceramic Packing Ball is to increase the scatter points of the gas or liquid, support and protect the active catalyzer with low strength. Ceramic Packing Ball is used as the broad filling materials in the hydrocracking fine purification plant, catalytic reforming plant, isomerization device and demethylation device of petrochemistry factories, chemical fibre factories, alkylbenzene factories, arene factories, ethane factories and natural gas factories of petroleum and chemical industries.

### Main Parameters of Ceramic Packing Ball

Items	Series	Mid-Alu	Mid-High-Alu	High-Alu	Corundum
Al <sub>2</sub> O <sub>3</sub> (%)		40-45	70-80	90-92	99
Fe <sub>2</sub> O <sub>3</sub> (%)		<1.00	<0.75	<0.30	<0.10
Volume Density (g/cm <sup>3</sup> )		>2.0	>2.7	>3.2	>3.6
Bulk Density (kg/m <sup>3</sup> )		1400-1500	1500-1800	1800-2200	1800-2300
Sizes (Dia.)		1-19mm, 25mm, 30mm, 40mm, 50mm, 60mm, 70mm			
Water Absorption (%)		<1			
Crush strength (KN/Granule)	Dia. (mm)				
	3	>0.2	>0.4	>2.0	>2.0
	6	>0.5	>0.6	>5.0	>5.0
	13	>1.4	>1.5	>8.5	>8.5
	19	>2.9	>3.0	>12	>12
	25	>3.5	>4.5	>16	>16
	38	>5.0	>5.9	>23	>23
	50	>6.3	>8.5	>34	>34
	76	>8.9	>14	>47	>47
100	>11	>18	>56	>56	

Items	Series	Mid-Alu	Mid-High-Alu	High-Alu	Corundum
Water Absorption (%)		2-5			
Crush strength (KN/Granule)	Dia. (mm)				
	3	>0.15	>0.15	>0.20	>0.20
	6	>0.4	>0.4	>0.5	>0.5
	13	>1.5	>1.5	>2.0	>2.0
	19	>2.0	>2.5	>3.0	>3.0
	25	>3.0	>3.5	>4.0	>4.0
	38	>4.5	>5.0	>5.5	>5.5
	50	>6.5	>7.0	>9.0	>9.0
	76	>11	>12	>19	>19
100	>14	>17	>22.5	>22.5	

Items	Series	Mid-Alu	Mid-High-Alu	High-Alu	Corundum
Water Absorption (%)		5-8			
Crush strength (KN/Granule)	Dia. (mm)				
	3	>0.11	>0.11	>0.13	>0.16
	6	>0.37	>0.38	>0.42	>0.46
	13	>1.25	>1.26	>1.44	>2.0
	19	>2.0	>2.23	>2.71	>2.98
	25	>2.9	>3.13	>3.49	>3.71
	38	>4.3	>4.95	>5.42	>5.72
	50	>6.4	>6.92	>8.38	>8.69
	76	>10.5	>11.85	>13.77	>18.79
100	>13.50	>16.47	>19.25	>22.37	



Welcome to contact us for more details.

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