

## Activated Alumina Balls (Catalyst Carrier)

### Technical data sheet

#### & Typical chemical composition

$\text{Al}_2\text{O}_3$	Min. 93%
$\text{SiO}_2$	Max: 0.3%
$\text{Fe}_2\text{O}_3$	Max: 0.05%
$\text{Na}_2\text{O} + \text{K}_2\text{O}$	Max: 0.4%



#### & Typical physical properties

Item \ Size	1/8"	1/4"	1/2"	3/4"
Diameter, mm	3-4.5	5-7	11.5-14	17-21
Bulk Density, lbs/ft <sup>3</sup>	44	44	46	46
Crush Strength, lbs	Min. 35	Min. 40	Min.120	Min.130
Surface Area( B.E.T), M2/g	Min. 200	Min. 200	Min. 200	Min.200
Pore Volume, ml/g	0.4	0.4	0.4	0.4
Loss On ignition @ 900°F	Max.5%	Max.5%	Max.5%	Max.5%
Color	White	White	White	White
Maximum Operating Temperature, °F	850	850	900	930
Regenerating Temperature, °F	Max.300	Max.300	Max.300	Max.300
Abrasion Loss, wt%	0.1	0.1	0.1	0.1