



Activated Alumina

Activated Alumina is an aluminum oxide which is highly porous and exhibits tremendous surface area. Activated Alumina is resistant to thermal shock and abrasion and will not shrink, swell, soften nor disintegrate when immersed in water.

Typical Activated Alumina Properties				
Part Number	AA316	AA108	AA400	AA104
Bead Size (mesh)	3x7	5x8	4x7	2.5x4
Bead Size (mm)	2.8-7.0	2.4-4.0	2.8-4.8	4.8-8.0
Bead Size (inch)	3/16"	1/8"		1/4"
Color	White	White	White	White
Surface Area (m ² /gram)	300	300	300	280
Pore Volume (ml/gram)	0.4	0.4	0.4	0.4
Bulk Density (kg/m ³)	700	700	700	690
Bulk Density (lb/ft ³)	44	44	44	43
Crush Strength (kg/per bead)	20	8	11	>= 51
Crush Strength (lb/per bead)	44	18	24	112
Loss on Heating, <= %	5.0	4.0	4.0	5.0
Abrasion Loss (wt%)	0.2	0.2	0.2	0.2
Static Absorption @ Relative Humidity 97% RH, >= %	40	40	40	40

Storage

Keep container sealed at all times to prevent exposure to air moisture during storage. Once open the package, use it as soon as possible.