

BUBBLE ALUMINA (AL₂O₃)

Bubble Alumina is produced by atomizing melted high-purity alumina. The atomized particles form hollow spheres. Bubble Alumina, by nature of its structure, has very low thermal conductivity and low bulk density.

TYPICAL ANALYSIS

(AlO ₃)	98.8%
(SiO ₂)	0.8%
(MgO)	0.05%
(Na ₂ O)	0.1%
(Fe ₂ O ₃)	0.03%
(CaO)	0.30%

SIZES

Sizing	Bulk Density	Sizing	Bulk Density
0 - 0,2 mm	1000-1450	0 - 3 mm	650-950
0 - 0,5 mm	800-1100	0 - 5 mm	600-900
0,5 - 1 mm	650-850	1 - 2 mm	550-800
0 - 1 mm	700-1050	1 - 3 mm	550-800
1 - 1,5 mm	550-800	2 - 3 mm	500-750
0 - 2 mm	650-1000	2 - 5 mm	500-750
1,5 mm - 2 mm	550-800	3 - 5 mm	450-700

TYPICAL APPLICATIONS

Filtration High-Porosity Applications Coatings



TYPICAL PROPERTIES

High Hardness

Abrasion / Wear-Resistance

Chemical Inertness

Superior Insulating Properties

Resistance to Thermal Shock

Dielectric Properties

High Melting Point

