

CB MINERALS

2 Madison Ave. #211

Larchmont, NY 10538

Tel: 914-777-3330 Fax: 914-777-3035

WEBSITE: www.cbminerals.com

E-Mail: info@cbminerals.com

INDUSTRIAL MINERALS SINCE 1897

MINERAL BEADS GRADE #5

Mineral Beads Grade 5 is produced from Volcanic Ash, a naturally occurring glass. It is inert, tasteless, odorless, and only slightly soluble in water or mineral acids. Grade 5 is produced by expanding Volcanic Ash followed by grinding and classification.

TYPICAL CHEMICAL ANALYSIS

Crystalline Silica	Not detectable
Amorphous Silica (SiO ₂)	72.8%
Al ₂ O ₃	14.6%
K ₂ O	5.8%
Na ₂ O	3.9%
Fe ₂ O ₃	0.75%
CaO	0.28%
CuO	0.00005%
Hg	Not detectable
As	Not detectable

SOLUBLES

In boiling water for one hour	0.88%,
In strong mineral acid for one hour	1.91%,
In strong Alkali (Sodium Hydroxide) for one hour	18.6%,
Acid soluble Fe ₂ O ₃ for one hour (1% HCL)	0.047%
Acid soluble CaO for one hour (1% HCL).	

PARTICLE SIZE ANALYSIS (BY U.S. STANDARD SIEVE)

U.S. STANDARD SIEVE

+100	46%
100/200	23%
-200	31%

PHYSICAL CHARACTERISTICS

Bulk Density 5.4 to 6.2 lbs./cu. ft.