TECHNICAL DATA SHEET
Alumina Silicon Oxide
Product Code: ALO-SIO-01-P.7000

Form: Powder

CAS #: 92704-41-1

Assay:
\[ \text{Al}_2\text{O}_3: 45\pm2.0\% \]
\[ \text{SiO}_2: 52\pm2.0\% \]
\[ \text{Fe}_2\text{O}_3: \leq 0.5\% \]

Synonyms: Calcined Kaolin, K-WHITE 7000™

Molecular Formula: \( \text{Al}_2\text{O}_3\cdot2\text{SiO}_2 \)

Particle Size: (-2µm%) ≥83

Sieve Analysis: 325 Mesh Residue (45µm): ≤0.003%

pH: 6.0-8.0

Common Applications:

Comments: Whiteness: ≥93%
Oil Absorbency (g/100g): >55
Moisture: ≤0.5%
Disperse Sediment (µm): ≤45
Refractive Index 1.6

Typical Impurities:
\[ \text{TiO}_2: <1.5\% \]
\[ \text{CaO}: <0.5\% \]
\[ \text{MgO}: <0.3\% \]
\[ \text{K}_2\text{O}: <0.1\% \]
\[ \text{Na}_2\text{O}: <0.2\% \]
\[ \text{MnO}_2: <0.004\% \]

Safety Data An MSDS for this product is available upon request.

Suppliers Contact American Elements for your local distributor

customerservice@americanelements.com

Note The above information is believed to be correct but does not purport to be all
inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. American Elements shall not be held liable for any damage resulting from handling or from contact with the above product.