TECHNICAL DATA SHEET
Alumina Silicon Oxide
Product Code: ALO-SIO-01-P.5000

Form: Powder
CAS #: 92704-41-1
Assay: Al₂O₃: 45±2.0%
         SiO₂: 52±2.0%
         Fe₂O₃: ≤0.5%
Synonyms: Calcined Kaolin, K-WHITE 5000™
Molecular Formula: Al₂O₃·2SiO₂
Particle Size: (-2µm%) ≥88
Sieve Analysis: 325 Mesh Residue (45µm): ≤0.003%
pH: 6.0-8.0
Common Applications: Whiteness: ≥94%
                     Oil Absorbency (g/100g): >60
                     Moisture: ≤0.5%
                     Disperse Sediment (um): ≤45
                     Refractive Index 1.6
Comments:
Typical Impurities: TiO₂: <1.5%
                   CaO: <0.5%
                   MgO: <0.3%
                   K₂O: <0.1%
                   Na₂O: <0.2%
                   MnO₂: <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.