



# BURGESS ICECAP KSF

## CALCINED ALUMINUM SILICATE

BURGESS ICECAP KSF is a medium particle size anhydrous (calcined) kaolin clay that is used extensively as a “mild abrasive agent” in various polish applications.

BURGESS ICECAP KSF is a very finely ground dry white powder that exhibits excellent dispersion and extremely low 325 (45 micron) mesh residue.

### Typical Physical Properties

GE Brightness % 92.0

325 Mesh Residue % 0.0008

Average Particle Size Sedigraph 1.5  $\mu$

Free Moisture % Max 0.5

Specific Gravity 2.63

Refractive Index 1.62

pH (20% Solids) 5.5

### Typical Chemical Properties

Loss On Ignition % 0.1

Silica ( $\text{SiO}_2$ ) % 51.0 – 52.4

Alumina ( $\text{Al}_2\text{O}_3$ ) % 42.1 – 44.3

Iron Oxide ( $\text{Fe}_2\text{O}_3$ ) % 0.5

Titanium Dioxide ( $\text{TiO}_2$ ) % 1.56 – 2.50

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