



# BURGESS NO. 30

## CALCINED ALUMINUM SILICATE

BURGESS No. 30® is a partially calcined clay used extensively in PVC compounds to improve insulation resistance.

BURGESS No. 30® exhibits excellent dispersion and color uniformity.

### Typical Physical Properties

GE Brightness % 85.5

325 Mesh Residue % 0.05

Average Particle Size Sedigraph 1.4  $\mu$

Free Moisture % Max 0.5

Specific Gravity 2.63

Refractive Index 1.62

pH (20% Solids) 5.0

### Typical Chemical Properties

Loss On Ignition % 0.5

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

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

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

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

### Issue Date: CD00F

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