



# BURGESS NO. 80

## AIR-FLOATED HYDROUS ALUMINUM SILICATE

BURGESS NO. 80 is a fine particle size, air-floated clay used in primers, adhesives, ink, and paints.

BURGESS NO. 80 exhibits excellent dispersion, low soluble salts, and moderate brightness.

### Typical Physical Properties

GE Brightness % 81.0

325 Mesh Residue % 0.05

Average Particle Size Sedigraph 0.4  $\mu$

Free Moisture % Max 1.0

Specific Gravity 2.63

Refractive Index 1.56

pH (20% Solids) 4.8

### Typical Chemical Properties

Loss On Ignition % 13.7 – 14.1

Silica (SiO<sub>2</sub>) % 44.8 – 45.3

Alumina (Al<sub>2</sub>O<sub>3</sub>) % 37.5 – 39.7

Iron Oxide (Fe<sub>2</sub>O<sub>3</sub>) % Trace

Titanium Dioxide (TiO<sub>2</sub>) % 1.35 – 2.27

### Issue Date: HD00F

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