



# BURGESS NO. 400

## HYDROUS ALUMINUM SILICATE

BURGESS No.400 is a large particle size, medium brightness hydrous kaolin clay used in trade sales coatings and adhesives.

BURGESS No.400 is a neutral pH clay exhibiting excellent dispersion properties.

### Typical Physical Properties

GE Brightness % 85.0

325 Mesh Residue % 0.15

Average Particle Size Sedigraph 3  $\mu$

Free Moisture % Max 1.0

Specific Gravity 2.63

Refractive Index 1.56

pH (20% Solids) 7.5

### Typical Chemical Properties

Loss On Ignition % 13.7 – 14.1

Silica ( $\text{SiO}_2$ ) % 44.8 – 45.3

Alumina ( $\text{Al}_2\text{O}_3$ ) % 37.5 – 39.7

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

Titanium Dioxide ( $\text{TiO}_2$ ) % 1.35 – 2.27

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