



# BURGESS NO. 10

## HYDROUS ALUMINUM SILICATE

BURGESS NO. 10 is a fine particle size, medium brightness hydrous kaolin clay.

BURGESS NO. 10 exhibits excellent dispersion in water based, acid pH, alkyd, or solvent based coatings and inks, electrodeposition body primers, as well as EIFS.

### Typical Physical Properties

GE Brightness % 87.0

325 Mesh Residue % 0.01

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 ( $\text{SiO}_2$ ) % 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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