



BURGESS NO. 17

HYDROUS ALUMINUM SILICATE

BURGESS NO. 17 is a fine particle size, high brightness hydrous kaolin clay used to extend TiO₂ in semigloss paints and inks.

BURGESS NO. 17 is well ground, has excellent whiteness and dispersion, and high brightness.

Typical Physical Properties

GE Brightness % 90.0

325 Mesh Residue % 0.01

Average Particle Size Sedigraph 0.5 μ

Free Moisture % Max 1.0

Specific Gravity 2.63

Refractive Index 1.56

pH (20% Solids) 6.9

Typical Chemical Properties

Loss On Ignition % 13.7 – 14.1

Silica (SiO₂) % 44.8 – 45.3

Alumina (Al₂O₃) % 37.5 – 39.7

Iron Oxide (Fe₂O₃) % Trace

Titanium Dioxide (TiO₂) % 1.35 – 2.27

Issue Date: HD00F

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