



BURGESS POLYCLAY

HYDROUS ALUMINUM SILICATE

BURGESS POLYCLAY is a fine particle size, medium brightness hydrous kaolin clay used in inks.

BURGESS POLYCLAY is the neutral version of Burgess NO. 10.

Typical Physical Properties

GE Brightness % 87.0

325 Mesh Residue % 0.01

Average Particle Size Sedigraph 0.35 μ

Free Moisture % Max 1.0

Specific Gravity 2.63

Refractive Index 1.56

pH (20% Solids) 6.7

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

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